

1 TGGGCTATAA GAAGGCAGAG GATGAGATGT CCCGGGCCAC GTCTGTTGGA
51 GACCAGCTGG AGGCACCCGC CCGCACCATT TACCTCAACC AACCGCATCT
101 CAACAAATTC CCGCACACCC GGATCAGTAC GGCCAAGTAC AGCGTGTGTA
151 CATTCTCTACC TCGATTCTTG TATGAGCAGA TTAGAAGAGC TGCTAATGCC
201 TTCTTTCTCT TCATTGCCTT ATTACAGCAA ATTCAGATG TATCTCCAAC
251 AGGAAGATAT ACCACCCCTGG TGCCATTGAT CATTATTTTA ACAATTGCAG
301 GCATCAAAAG GATTGTAGAA GATTTTAAGC GACACAAGGC AGACAATGCA
351 GTTAACAAAA AGAAAACAAT AGTGTTAAGA AATGGTATGT GGCATACCAT
401 TATGTGGAAG GAGGTGGCAG TGGGAGACAT TGTGAAGGTC GTCAATGGGC
451 AGTATCTTCC AGCAGATGTG GTCCTGCTGT CATCCAGTGA ACCTCAGGCA
501 ATGTGTTATG TTGAAACAGC TAATCTGGAT GGGGAGACGA ACCTTAAAT
551 ACGTCAGGGT TTGAGTCACA CTGCTGACAT GCAAAACACGT GAAGTTCTGA
601 TGAAGTTATC TGAAGTATA GAGTGTGAAG GGCCCAACCG CCACCTCTAT
651 CACTTCACCTG GAAACTTGAA CTTAGATGGG AAAAGCCTTG TTGCCCTTGG
701 GCCTGACCAG ATCTTATTAA GAGGTACACA GCTTAGAAAT ACTCAGTGGG
751 TCTTTGGCAT AGTTGTTTAT ACTGGACACG ACACCAAACCT CATGCAGAA
801 TCAACCAAAG CGCCTCTCAA GAGATCAAAT GTTGAGAAGG TGAATAACGT
851 GCAGATCCTG GTGTGTTTG GCATCCTCTT GGTGATGGCC TTGGTGAGCT
901 CGGCGGGGGC CCTGTACTGG AACAGGTCTC ATGGTGAAAA GAAGTGGTAC
951 ATCAAGAAGA TGGACACCAC CTCAGATAAT TTTGGATACA ACCTACTGAC
1001 GTTCATCATC TTATACAACA ATCTTATTC CATCAGTCTG TTGGTGACTC
1051 TTGAGGTTGT GAAGTATACT CAAGCCCTTT TCATAAACTG GGACACAGAT
1101 ATGTATTATA TAGGAAATGA CACTCCTGCC ATGGCCAGGA CATCAAACT
1151 TAATGAAGAG CTTGGGCAGG TGAATATCT CTTTTCTGAC AAGACTGGAA
1201 CGCTTACATG CAATATCATG AACTTTAAGA AGTGCAGCAT TGCCGGAGTA
1251 ACTTATGGTC ACTTCCAGGA ATTGGCAAGA GAGCCGTCTT CAGATGACTT
1301 CTGTCGGATG CCTCCTCCCT GTAGTGATTC CTGTGACTTT GATGACCCCA
1351 GGCTGTTGAG GAACATTGAG GATCGCCATC CCACAGCCCC TTGCATTGAG
1401 GAGTTCTCTA CCTTCTGGC CGTGTGCCAC ACGGTTGTTT CTGAGAAGGA
1451 TGGAGATAAC ATCATCTACC AGGCCTCTTC CCCAGATGAA GCTGCTTTGG
1501 TGAAGGAGC TAAAAAGCTG GGCTTTGTCT TCACAGCCAG AACACCATTC
1551 TCAGTCATCA TAGAAGCGAT GGGACAGGAA CAAACATTTG GAATCCTTAA
1601 TGTCTTGAA TTTTCTAGTG ACAGAAAAAG AATGTCTGTA ATTGTTGCGA
1651 CTCCTTCAGG ACGACTTCGG CTTTACTGTA AAGGGGCTGA TAATGTGATT
1701 TTTGAGAGAC TTTCAAAAGA CTCAAAATAT ATGGAGGAAA CATTATGCCA
1751 TCTGGATAC TTTGGCACGG AAGGCTTGGC GACTCTCTGT GTGGCTTATG
1801 CTGATCTCTC TGAGAATGAG TATGAGGAGT GGCTGAAAGT CTATCAGGAA
1851 GCCAGCACCA TATTGAAGGA CAGAGCTCAA CGGTTGGAAG AGTGTTACGA
1901 GATCATTGAG AAGAATTTGC TGCTACTTGG AGCCACAGCC ATAGAAGATC
1951 GCCTTCAAGC AGGAGTTCCA GAAACCATCG CAACACTGTT GAAGGCAGAA
2001 ATTAATAAT GGGTGTGAC AGGAGACAAA CAAGAAACTG CGATTAATAT
2051 AGGGTATTC TGCCGATTGG TATCGCAGAA TATGGCCCTT ATCCTATTGA
2101 AGGAGGACTC TTTGGATGCC ACAAGGCGAG CCATTACTCA GCACTGCACT
2151 GACCTTGGGA ATTTGCTGGG CAAGGAAAAT GACGTGGCCC TCATCATCGA
2201 TGGCCACACC CTGAAGTACG CGCTCTCCTT CGAAGTCCGG AGGAGTTTCC
2251 TGGATTGGG ACTCTCGTGC AAAGCGGTCA TATGCTGCAG AGTGCTCTCT
2301 CTGCAGAAGT CTGAGATAGT GGATGTGGTG AAGAAGCGGG TGAAGGCCAT
2351 CACCTCGCC ATCGGAGACG GCGCCAACGA TGTCGGGATG ATCCAGACAG
2401 CCCACGTGGG TGTGGGAATC AGTGGGAATG AAGGCATGCA GGCCACCAAC
2451 AACTCGGATT ACGCCATCGC ACAGTTTTC TACTTAGAGA AGCTTCTGTT
2501 GGTTCATGGA GCCTGGAGCT ACAACCGGGT GACCAAGTGC ATCTTGACT
2551 GCTTCTATAA GAACGTGGTC CTGTATATTA TTGAGCTTTG GTTCGCCTTT
2601 GTTAATGAT TTTCTGGCA GATTTTATTT GAACGTTGGT GCATCGGCCT
2651 GTACAATGTG ATTTTCACCG CTTTGCCGCC CTTCACTCTG GGAATCTTTG
2701 AGAGGTCCTG CACTCAGGAG AGCATGCTCA GGTTCCTCCA GCTCTACAAA
2751 ATCACCCAGA ATGGCGAAGG CTTCAACACA AAGGTTTTCT GGGGTCAGTG
2801 CATCAACGCC TTGGTCCACT CCCTCATCCT CTCTGCTTT CCCATGAAAG
2851 CTCTGGAGCA TGATACTGTG TTGACAAGTG GTCATGCTAC CGACTATTTA
2901 TTTGTTGGAA ATATTGTTTA CACATATGTT GTTGTACTG TTTGTCTGAA
2951 AGCTGGTTTG GAGACCACAG CTTGGACTAA ATTCACTCAT CTGGCTGTCT
3001 GGGGAAGCAT GCTGACCTGG CTGGTGTGTT TTGGCATCTA CTCGACCATC
3051 TGGCCACCA TTCCCATGTC TCCAGATATG AGAGGACAGG CAACTATGGT
3101 CCTGAGCTCC GCACACTTCT GGTGGGATT ATTCTGCTT CTTACTGCCT
3151 GTTTGATTGA AGATGTGGCA TGGAGAGCAG CCAAGCACAC CTGCAAAAAG
3201 ACATTGCCCG AGGAGGTGCA GGAGCTGGAA ACCAAGTCTC GAGTCTGGG
3251 AAAAGCGGTG CTGCGGGATA GCAATGGAAA GAGGCTGAAC GAGCGCGACC
3301 GCCTGATCAA GAGGCCGGGC CGGAAGACGC CCCGACGCT GTTCCGGGGC
3351 AGCTCCCTGC AGCAGGGCGT CCCGCATGGG TATGCTTTTT CTCAAGAAGA
3401 ACACGGAGCT GTTAGTCAGG AAGAAGTCAT CCGTGCTTAT GACACCACCA
3451 AAAAGAAATC CAGGAAGAAA TAAGACATGA ATTTTCC

(SEQ ID NO: 1)

FIGURE 1, page 1 of 3

FEATURES:

5'UTR: 1 - 26

Start Codon: 27

Stop Codon: 3471

3'UTR: 3474

FIGURE 1

HOMOLOGOUS PROTEINS:

TOP 10 BLAST HITS

Score	E		
Sequences producing significant alignments:		(bits)	Value
CRA 1000682344212	/altid=gi 7656912 /def=ref NP_056618.1 ATPas...	2209	0.0
CRA 18000005233314	/altid=gi 8134331 /def=sp Q9Y2Q0 AT1A_HUMAN ...	1626	0.0
CRA 18000005224802	/altid=gi 4704324 /def=dbj BAA77248.1 (AB01...	1624	0.0
CRA 18000005055287	/altid=gi 7106257 /def=ref NP_033857.1 ATPa...	1614	0.0
CRA 18000005198683	/altid=gi 8134328 /def=sp Q29449 AT1A_BOVIN ...	1604	0.0
CRA 335001098648946	/altid=gi 11359917 /def=pir T46328 hypothe...	1481	0.0
CRA 87000000003192	/altid=gi 7706561 /def=ref NP_057613.1 ATPa...	1239	0.0
CRA 89000000204553	/altid=gi 7303318 /def=gb AAF58378.1 (AE003...	1227	0.0
CRA 18000005178062	/altid=gi 7492445 /def=pir T40737 probable ...	1017	0.0
CRA 118000005118436	/altid=gi 9624461 /def=gb AAF90186.1 AF2804...	1012	0.0

EST:

Score	E		
Sequences producing significant alignments:		(bits)	Value
gi 12279343	/dataset=dbest /taxon=96...	799	0.0
gi 8362666	/dataset=dbest /taxon=9606...	668	0.0
gi 10034282	/dataset=dbest /taxon=96...	644	0.0
gi 11339028	/dataset=dbest /taxon=96...	613	e-172
gi 11339022	/dataset=dbest /taxon=96...	549	e-153
gi 5545715	/dataset=dbest /taxon=9606 ...	418	e-114
gi 5836375	/dataset=dbest /taxon=9606 ...	375	e-101

EXPRESSION INFORMATION FOR MODULATORY USE:

gi|12279343 Testis normal
gi|8362666 Lung carcinoid
gi|10034282 Lung carcinoid
gi|11339028 Testis normal
gi|11339022 Testis normal
gi|5545715 Lung carcinoid
gi|5836375 Pooled germ cell tumors

Tissue expression:

Mixed tissue (Brain, Heart, Kidney, Lung, Spleen, Testis, Leukocyte)

```

1 MSRATSVGDQ LEAPARTIYL NQPHLNKFRD NRISTAKYSV LTFLEPRFLYE
51 QIRRAANAFF LFIALLOQIP DVSPTGRYTT LVPLIIILTI AGIKEIVEDF
101 KRHKADNAV NKKKTIVLRNG MWHTIMWKEV AVGDIVKVVN GQYLPADVVL
151 LSSSEPQAMC YVETANLDGE TNLKIRQGLS HTADMQTREV LMKLSGTIEC
201 EGFNRHLYDF TGNLNLGKGS LVALGPDQIL LRGTQLRNTQ WVFGIVVYTG
251 HDTKLMQNST KAPLKRSNVE KVTNVQILVL FGILLVMALV SSAGALYWNR
301 SHGEKNWYIK KMDTSDNFG YNLLTFIILY NNLIPISLLV TLEVVKYTQA
351 LFINWDTDMY YIGNDTPAMA RTSNLNEELG QVKYLFSDKT GTLTCNIMNF
401 KKCSIAGVTY GHFPELAREP SSDDFCRMPP PCSDSCDFDD PRLLRNIEDR
451 HPTAPCIQEF LTLAVCHTV VPEKDGDNII YQASSPDEAA LVKGAKKLGF
501 VFTARTPFSV IIEAMGQEQT FGILNVLEFS SDRKRMSVIV RTPSGRLRLY
551 CKGADNVIFE RLSKDSKYME ETLCHELYFA TEGRLTLCVA YADLSENEYE
601 EWLKVYQEAS TILKDRARL EECYEIEKN LLLLGATAIE DRLOAGVPET
651 IATLLKAEIK IWVLTGDKQE TAINIGYSCR LVSQNMALIL LKEDSLDATR
701 AAITQHCTDL GNLLGKENDV ALIIDGHTLK YALSEFVRRS FLDLALSCKA
751 VICCRVSPLO KSEIVDVVKK RVKAITLAIG DGANDVGMQI TAHVGVGISG
801 NEGMQATNNS DYAIQFSYL EKLLLVHGAW SYNRVTKCIL YCFYKNVVLY
851 IIELWFQFVN GFSGQILFER WCIGLYNVIF TALPPFTLGI FERSCTQESM
901 LRFPLQYKIT QNCEGFNTKV FWGHCINALV HSLILFWFPM KALEHDTVLT
951 SGHATDYLTV GNIVYTYVVV TVCLKAGLET TAWTKFSLA VWGSMLETLV
1001 FFGIYSTIWP TIPIAPDMRG QATMVLSSAH FWLGLFLVPT ACLIEDVAWR
1051 AAKHTCKKTL PEEVQELETK SRVLGKAVLR DSNKRLNER DRLIKRPGRK
1101 TPPTLFRGSS LQQGVPHGYA FSQEEHGAVS QEEVIRAYDT TKKKSRRK
(SEQ ID NO: 2)

```

FEATURES:

Functional domains and key regions:

[1] PDOC00001 PS00001 ASN_GLYCOSYLATION
N-glycosylation site

Number of matches: 3

```

1 258-261 NSTK
2 299-302 NRSH
3 808-811 NNSD

```

[2] PDOC00004 PS00004 CAMP_PHOSPHO_SITE
cAMP- and cGMP-dependent protein kinase phosphorylation site

Number of matches: 4

```

1 111-114 KKKT
2 401-404 KKCS
3 534-537 KRMS
4 1142-1145 KKKS

```

[3] PDOC00005 PS00005 PKC_PHOSPHO_SITE
Protein kinase C phosphorylation site

Number of matches: 14

```

1 35-37 TAK
2 75-77 TGR
3 259-261 STK
4 387-389 SDK
5 503-505 TAR
6 531-533 SDR
7 544-546 SGR
8 678-680 SCR
9 728-730 TLK
10 747-749 SCK
11 1055-1057 TCK
12 1140-1142 TTK
13 1141-1143 TTK
14 1145-1147 SRK

```

[4] PDOC00006 PS00006 CK2_PHOSPHO_SITE
Casein kinase II phosphorylation site

Number of matches: 17

```

1 6-9 SVGD
2 152-155 SSSE
3 249-252 TGHD
4 267-270 SNVE

```


5 301-304 SHGE
6 314-317 TTSD
7 421-424 SSDD
8 484-487 SSPD
9 485-488 SPDE
10 595-598 SENE
11 637-640 TAIE
12 740-743 SFLD
13 799-802 SGNE
14 818-821 SYLE
15 1059-1062 TLPE
16 1122-1125 SQEE
17 1130-1133 SQEE

[5] PDOC00007 PS00007 TYR_PHOSPHO_SITE
Tyrosine kinase phosphorylation site

Number of matches: 3

1 300-308 RSHGEKNWY
2 474-481 KDGDNIIY
3 561-568 RLSKDSKY

[6] PDOC00008 PS00008 MYRISTYL
N-myristoylation site

Number of matches: 16

1 120-125 GMWHTI
2 178-183 GLSHTA
3 196-201 GTIECE
4 391-396 GTLTGN
5 407-412 GVTYGH
6 516-521 GQEQTFF
7 646-651 GVPETI
8 711-716 GNLLGK
9 787-792 GMIQTA
10 795-800 GVGISG
11 797-802 GISGNE
12 803-808 GMQATN
13 977-982 GLETTA
14 993-998 GSMLTW
15 1003-1008 GIYSTI
16 1114-1119 GVPHGY

[7] PDOC00009 PS00009 AMIDATION
Amidation site

Number of matches: 2

1 1083-1086 NGKR
2 1097-1100 PGRK

[8] PDOC00139 PS00154 ATPASE_E1_E2
E1-E2 ATPases phosphorylation site

388-394 DKTGTLT

Membrane spanning structure and domains:

Candidate membrane-spanning segments:

Helix	Begin	End	Score	Certainty
1	75	95	1.265	Certain
2	275	295	2.259	Certain
3	322	342	1.286	Certain
4	452	472	0.840	Putative
5	847	867	1.062	Certain
6	871	891	1.503	Certain
7	920	940	1.318	Certain
8	957	977	1.180	Certain
9	989	1009	2.097	Certain
10	1022	1042	1.777	Certain

BLAST Alignment to Top Hit:

CRA|1000682344212 /altid=gi|7656912 /def=ref|NP_056618.1| ATPase,
class 1, member a; ATPase 8A2, p type; ATPase 8A2, class
I [Mus musculus] /org=Mus musculus /taxon=10090
/dataset=nraa /length=1148
Length = 1148

Score = 2209 bits (5661), Expect = 0.0
Identities = 1084/1148 (94%), Positives = 1113/1148 (96%)
Frame = +3

Query: 27 MSRATSVGDQLEAPARTIYLNQPHLNKFRDNRISTAKYSVLTFLPRFLYEQIRRAANAF 206
MSRATSVGDQLEAPAR IYLNQ HLNKF DNRISTAKYSVLTFLPRFLYEQIRRAANAF
Sbjct: 1 MSRATSVGDQLEAPARIYLNQSHLNKFCNDRISTAKYSVLTFLPRFLYEQIRRAANAF 60

Query: 207 LFIALLLQQIPDVSPGTGRYTTLVPLIIILTIAGIKEIVEDFKRHKADNAVNKKKTIVLRNG 386
LFIALLLQQIPDVSPGTGRYTTLVPL+IILTIAGIKEI+EDFKRHKADNAVNKKKTIVLRNG
Sbjct: 61 LFIALLLQQIPDVSPGTGRYTTLVPLVIIILTIAGIKEIIEDFKRHKADNAVNKKKTIVLRNG 120

Query: 387 MWHITIMWKEAVAGDIVKVNGQYLPADVLLSSSEPQAMCYVETANLDGETNLKIRQGLS 566
MWHITIMWKEAVAGDIVKV+NGQYLPAD+VL SSSEPQ MCYVETANLDGETNLKIRQGLS
Sbjct: 121 MWHITIMWKEAVAGDIVKVLNGQYLPADMVLFSSSEPQGMCYVETANLDGETNLKIRQGLS 180

Query: 567 HTADMQTREVLMLKLSGTIECEGPNRHLYDFTGNLNLGKSLVALGPDQILLRGTQLRNTQ 746
HT DMQTR+VLMKLSG IECEGPNRHLYDFTGNL+LDGKS VALGPDQILLRGTQLRNTQ
Sbjct: 181 HTTDMQTRDVLMLKLSGRIECEGPNRHLYDFTGNLHLDGKSSVALGPDQILLRGTQLRNTQ 240

Query: 747 WVFGIVVYTGHDTKLMQNSTKAPLKRSNVEKVTNVQILVLFGILLVMALVSSAGALYWNR 926
WVFG+VVYTGHD+KLMQNSTKAPLKRSNVEKVTNVQILVLFGILLVMALVSS GAL+WN
Sbjct: 241 WVFGVVYTGHD SKLMQNSTKAPLKRSNVEKVTNVQILVLFGILLVMALVSSVGFALFWNG 300

Query: 927 SHGEKNWYIKKMDTSDNFGYNLLTFIILYNNLIPISLLVTLEVVKYTQALFINWDTDMY 1106
SHG K+WYIKKMDT SDNFGYNLLTFIILYNNLIPISLLVTLEVVKYTQALFINWD DMY
Sbjct: 301 SHGGKSWYIKKMDTNSDNFGYNLLTFIILYNNLIPISLLVTLEVVKYTQALFINWDMY 360

Query: 1107 YIGNDTPAMARTSNLNEELGQVKYLFSDKTGTILTCNIMNFKKCSIAGVTYGHFPELAREP 1286
YI NDTTPAMARTSNLNEELGQVKYLFSDKTGTILTCNIMNFKKCSIAGVTYGHFPELARE
Sbjct: 361 YIENDTPAMARTSNLNEELGQVKYLFSDKTGTILTCNIMNFKKCSIAGVTYGHFPELAREQ 420

Query: 1287 SSDDFCRMPPPCSDSCDFDDPRLRNIEDRHPTAPCIEFLLTLLAVCHTVVPEKDGDNII 1466
SSDDFCRM +DSCDF+DPRLL+NIED+HPTAPCIEFLLTLLAVCHTVVPEKDG II
Sbjct: 421 SSDDFCRMTSCTNDSDFNDPRLKNIEDQHPTAPCIEFLLTLLAVCHTVVPEKDGDEII 480

Query: 1467 YQASSPDEAALVKGAKKLGFTARTPFSVIIIEAMQEQTFGILNVLEFSSDRKRMSVIV 1646
YQASSPDEAALVKGAKKLGFT RT+SVIIIEAMQEQTFGILNVLEFSSDRKRMSVIV
Sbjct: 481 YQASSPDEAALVKGAKKLGFTGRTPYSVIIIEAMQEQTFGILNVLEFSSDRKRMSVIV 540

Query: 1647 RTPSGRLRLYCKGADNVIIFERLSKDSKYMEETLCHLEYFATEGLRTLCAVAYADLSENEYE 1826
R PSG+RLRLYCKGADNVIIFERLSKDSKYMEETLCHLEYFATEGLRTLCAVAYADLSENEYE
Sbjct: 541 RLPSSGRLRLYCKGADNVIIFERLSKDSKYMEETLCHLEYFATEGLRTLCAVAYADLSENEYE 600

Query: 1827 EWLKVYQEASTILKDRAQRLEECYEIEKNLLLLGATAIEDRLQAGVPETIATLLKAEIK 2006
EWLKVYQEAS ILKDRAQRLEECYEIEKNLLLLGATAIEDRLQAGVPETIATLLKAEIK
Sbjct: 601 EWLKVYQEAS IILKDRAQRLEECYEIEKNLLLLGATAIEDRLQAGVPETIATLLKAEIK 660

Query: 2007 IWVLTGDKQETAINIGYSCRLVSQNMALILLKEDSLDATRAAITQHCTDLGNLLGKENDV 2186
IWVLTGDKQETAINIGYSCRLVSQNMALILLKEDSLDATRAAITQHCTDLGNLLGKENDV
Sbjct: 661 IWVLTGDKQETAINIGYSCRLVSQNMALILLKEDSLDATRAAITQHCTDLGNLLGKENDV 720

Query: 2187 ALIIDGHTLKYALSFEVRRSFLDLALSCKAVICCRVSPLQKSEIVDVVKRVRKAITLAIG 2366
ALIIDGHTLKYALSFEVRRSFLDLALSCKAVICCRVSPLQKSEIVDVVKRVRKAITLAIG
Sbjct: 721 ALIIDGHTLKYALSFEVRRSFLDLALSCKAVICCRVSPLQKSEIVDVVKRVRKAITLAIG 780

Query: 2367 DGANDVGMQTAHVGVGSGNEGMQATNNSDYAIAQFSYLEKLLLVHGAWSYNRVTKCIL 2546
DGANDVGMQTAHVGVGSGNEGMQATNNSDYAIAQFSYLEKLLLVHGAWSYNRVTKCIL
Sbjct: 781 DGANDVGMQTAHVGVGSGNEGMQATNNSDYAIAQFSYLEKLLLVHGAWSYNRVTKCIL 840

Query: 2547 YCFYKNVVLIIELWFAFVNGFSGQILFERWCIGLYNVIFTALPPFTLGIFERSCTQESM 2726
YCFYKNVVLIIELWFAFVNGFSGQILFERWCIGLYNVIFTALPPFTLGIFERSCTQESM
Sbjct: 841 YCFYKNVVLIIELWFAFVNGFSGQILFERWCIGLYNVIFTALPPFTLGIFERSCTQESM 900

FIGURE 2, page 3 of 4

Query: 2727 LRFPQLYKITQNGEGFNTKVFVWGHGINALVHSLILFWFPMKALEHDTVLTSGHATDYLFV 2906
LRFPQLY+ITQN EGFNTKVFVWGHGINALVHSLILFW PMKALEHDT +TSGHATDYLFV
Sbjct: 901 LRFPQLYRITQNAEGFNTKVFVWGHGINALVHSLILFWVPMKALEHDTPTVTSGHATDYLFV 960

Query: 2907 GNIVYTYVVVTVCLKAGLETTAWTKFSLAVWGSMLTWLVFFGIYSTIWIPTIPIAPDMRG 3086
GNIVYTYVVVTVCLKAGLETTAWTKFSLAVWGSML WLTVFFG+YSTIWIPTIPIAPDM+G
Sbjct: 961 GNIVYTYVVVTVCLKAGLETTAWTKFSLAVWGSMLIWLTVFFGVYSTIWIPTIPIAPDMKG 1020

Query: 3087 QATMVLSSAHFWLGLFLVPTACLIEDVAWRAAKHTCKKTLPEEVQELETCSRVLGKAVLR 3266
QATMVLSSA+FWLGLFLVPTACLIEDVAWRAAKHTCKKTL EEVQELETCSR+GKA+LR
Sbjct: 1021 QATMVLSSAYFWLGLFLVPTACLIEDVAWRAAKHTCKKTLLEEVQELETCSRVMGKAMLR 1080

Query: 3267 DSNQKRLNERDRLIKRGRKTPPTLFRGSSSLQQGVPHGYAFSQEEHGAVSQEEVIRAYDT 3446
DSNGKR+NERDRLIKR RKTPTLFR S+QQ V HGYAFSQEEHGA+QEE++RAYDT
Sbjct: 1081 DSNQKRMNERDRLIKRLSRKTPPTLFRTGSIQQCVSHGYAFSQEEHGA+VQEEIVRAYDT 1140

Query: 3447 TKKKSRRK 3470
TK+ SRKK
Sbjct: 1141 TKENSRRK 1148 (SEQ ID NO : 4)

Model	Description	Score	E-value	N
PF00122	E1-E2 ATPase	39.3	3.2e-10	4
PF00592	Cof family	8.1	0.49	1
PF00505	HMG (high mobility group) box	4.8	10	1
PF00414	Neuraxin and MAP1B proteins	4.8	9.9	1
PF01420	Type I restriction modification DNA specific	4.2	5	1

Model	Domain	seq-f	seq-t	hmm-f	hmm-t	score	E-value
PF00505	1/1	52	62 ..	1	11 [. .	4.8	10
PF01420	1/1	127	142 ..	1	16 [. .	4.2	5
PF00122	1/4	86	153 ..	1	76 [. .	15.4	0.0014
PF00122	2/4	377	398 ..	247	268 ..	8.6	0.11
PF00122	3/4	526	554 ..	380	414 ..	2.0	7.7
PF00414	1/1	623	629 ..	11	17 .]	4.8	9.9
PF00122	4/4	624	676 ..	486	538 ..	13.2	0.006
PF00592	1/1	776	796 ..	233	253 ..	8.1	0.49

FIGURE 2, page 4 of 4

1 CACAAAGAGG CTGCTGACCT CTGAGCCTCC TTAGCACCTT TGGGCCCCACT
51 CTTAGTCACA CACTGGTAAG TAACCATGGT TACACCTTTA TGCCTTAATT
101 GAGGGAACAT TTTCAAGGGC AGGAACCTGA TCTTCTGTTT TTGTGTTCTC
151 AGCGGCATCT AACAAAGTAT CCTGACTGGG TGCTCATCAG CATCACTTAG
201 TGATCTTTAG AAGCAAAACA CAGTGACCAC AGAATCTGAG AGGGCAGGGC
251 CCGGGAACATA ATACATTGTG GAAGCTGCAT TGGTAATACT AATGCACAGG
301 GGAAGTGAAGA GCGCTAGGT GAGCAATGAA CCACCTTGAC CACGCACTGT
351 TCAGTGAACC CAGCCTGTCC CTACTGTCCCT GGAGCTTGGG CTTCTGGGTG
401 CAGTGAGACA GAGCATCCAT AAATAAAATC AGGTAATGAT GATATCTGGT
451 ACTGTGGAGG AAGACAAGGC AGGGTTAGTG GGCAGAGAGA AAAGCAGTAC
501 TTCCATATAG GCTAGCTTCA AAAATATTCT CCATCTGTCT TACATCAGCA
551 AATGCTCCAA CACCTGGCCT TCCCTGATTG AAGTCCGGGA GCCCCAGCTG
601 GTGGGCCAGA CAGTCTGGAA GAAGGGATTC TTGCTCTCTG CTGCCGCTTG
651 TTGATGAGTA GACGACCAAG CAGTGTCCCA TGGGGAGCCA GAAAGACCCC
701 AGAGAGTGGG AGGTGGAGG GAAGGAGATG AGGGATCCTG TCTGAGTGAG
751 GAATAGCCAG GGTGCTGTGG GCACACGCAA AAAGCAAGAG GAAAAGTGA
801 GTGTGCTGG CCTGTGACCA GGGACCTGGC TTGAGCCCCG GAGCCTGCAC
851 CCACTAGGCG TCCCCTATCA GGTGAAGGGA GAAGCCTTAG CCCACTTCAG
901 ACTTAACCTCT TACTTAATAT TCGGAATAAT ATGTCACTGTT TCAGTAAACG
951 AGTTTACATT TCGCTGTGCC CTTTCTTAGG ATAAGGATTA TCATCCTTCT
1001 AATCACTTTA AAAAGATGAT GTAGCGAAAA CTTTCTCTTT AAAAGTGTTT
1051 CTCTATGACA GTGAAAAGTA TTCTTTGTAA CAGGGAAGTG AAGGTTTACT
1101 TGCCTAAGAT GTCAGTTTTT TTTTCTTTT GAGACGAGTC TCCTTGTCGC
1151 CCAGGCTGGA GTGCACTGGC GCGATCTCAG CTCACTGCAG GCTCCGCCCT
1201 CCGGGTTTCA CGCCATTCTC CTGCTCAGC CTCCCGCGTA GCTGGGCCCTA
1251 CAGGCGCCCT CCACCTTGCC CGGCTAATTT TTTGTATTT TAGTAGAGAT
1301 GGGGTTTTCAC CGTGTAGCC GGGATGGTCT CGATCTCTG ACCTCGTGAT
1351 CCGCCCGCTT CCGCTCCCA AAGTGTGGG ATTACAGGCT TGAGCCACCA
1401 TGCCCGGCCA AGATGTCAGT TTTTAAATGG TGTGCAACGT CCGTTCTTT
1451 GATAGTTGGA AAGCGTGGCA GGTATTAGAG GCGCAATGTA TATTTAAGAA
1501 AAACAAGATA AGTCTTCATC TGTAGAGTAT TAATTTTCT GTGATCCTTT
1551 ATCTCAGACG CCTCTCTCT GAAAGTCACT GCTCAAGCTG GGCAGCCCCCT
1601 TCTAAGAAGG GATGCTGCCT TGGAGTTGGA GATGAGGTTA AGATCTACGT
1651 GCGGGTACCA GTTTCAGTAA TAACTGGATC CTTCTCTAGG TCTAGGCTGG
1701 AACGTCTCAA GTGAAGGTTA TTGGGGGGCA GGGGTTGGG TCCACCCAAA
1751 AAGGCTTGAC CCATAGGACT GAAATCAAAT CTTGAGCTAG GCTGGCTTGC
1801 CACGTAACCA CAGAAACAGT AATTAAAGCA ATAAATGAA AGCTCGAGCG
1851 CTGGTCCAGA GCTGGGGTTG GGACAGCTAC TGCACTCAGG TCTCCAGGTG
1901 CATGTAGGGA GAAGAGCAGC GGATCCCTTG CAGACAATGG TGGGAGCGAG
1951 CTCTTCACCC TGGGGTCTCC GAAAGCCATT TTTAGCGTCC AGAGGTGTGC
2001 TTTGCCCATC TCCTTCTGCG GTGGCTGCTT GCAGGGCGCA TTCCCATTCG
2051 TGCTGTCTCT GTTCTTAAGG AAGATCAAAG GATCCCAGAA AACCAGTTTC
2101 CAGAGCTCAG TTCCCGGGAT AGAGGGTACG CTCGGCCAGA TGATGGCTGG
2151 GGGTGCCGCT GGCTTGGCG CCCCCTCCG CCCCCTCCG TCGCCACCC
2201 CGGCCGACA AGCAGCTTGG GCGTCCAGC CGGCCGCTC CCTGCAGGGA
2251 GGGAGCGCAG GAGCTGGGGG CGGCTCTCCC GGGGCGGGG TCGATCCACA
2301 AGCGCCAGG GCGCGCGGG GCGTGGGCGT GGGCGGGGCC GGGGCGGGG
2351 CCGGCTTGG CTGCCGCGG ACAGCGCGG GCGTCTCCAG GGGGAGCCAA
2401 GGTACGTAGG CGGCGTCCGC CTCACCCGAG CATCCTTCCC CGCCGCTGGC
2451 CGCCCGCCG CGGCCGCGC TCGCAGCCTC CGCCTGGCG GTTGACTTCT
2501 TTGTGCTGTA TTCTCTGCT GCGCCTGTC TCTGCAGGAC CTGTTGCTTC
2551 TTCTTTGGGC TATAAGAAGG CAGAGGATGA GATGTCCCGG GCCACGCTG
2601 ATGGAGACCA GCTGGAGGCA CCCGCCGCA CCATTTACCT CAACCAACCG
2651 CATCTCAACA AATTCCGCGA CAACCAGATC AGGTAGGAGA AGGCGGCCCG
2701 CTCGCGCGGT AAGCGGTGG AGTCACAGCT GGGCAAGGG CTCGTCTTCC
2751 TGCGCGGGGC TTGGCCGCGC ACCTGGCCGG CCCCCGTCCA TCTCCCCCAG
2801 AGCCTTCCCC TGCCCCCTCC CCACCCACT AGCCCGCGGT GCAGCCCCGC
2851 GCTTCCAGTA GGGTCATGCG AATGCAGCCC TCACCGTTCT CTCCTGCGCA
2901 TCCGTTCTGC GCCAGCCTG CCTCTGAGCC CTGAGAAGTT TTCACTCTAA
2951 TGTCACCGAC AAAAACGAGG TCTCTGCTCT TTTCATCCCT GGGCTTCCTT
3001 CTCGGAACCC CTCTAGCCT TGTTTTAAGC CAGTTGATAG CCTTCTTTAG
3051 CAATTTTTAG ACCATACTAT GGGGACGCTG CTTTATAAGG GAATCCACCA
3101 AGTCACAAGG AATCACATTC AGTTCTCAGT GGTCCACGAC AATTGTTAAG
3151 AGGTCTTCAT TTGCTGCGAA ACTTTGCCCA GAGTTAGCAG AAAGATGGAC
3201 AGAAGCTAGC GTTTAAATGT CTACTTTTGC TGCGCGCTAT GTCACACACC
3251 CTGGCTATAG CAGCTTAGTG AATCTTCATA ACCTATTGAA GCAGGCCAGG
3301 AGACTGGAAT ATAAAGATGC TAAATAATGT ACCTATAGTC ATACAGTCC
3351 TAAATGGCAG GGCTGGAAT TGAACCCAGC CCATCTGACT ACTAAGGATA
3401 AAATTTTTTC TGCTGTGCAA AGCTAGTTCT TTATCACGGG GTTCTGTACA
3451 TTTTCAAAAT TCATTAAACT TTCAGGCTTA AACAACTTTG TATCTGGGAG
3501 AGACTTCAGA GGATGTAGTT CTGTGAGCTG CTCAGAACAC CATGCTTGGG

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3551 IGTAGAGAAG TTCAGTGATT TATCAGGTTA CACATAGATT ATTGACAAAC
3601 CTGAGTTCCA ATCCAGTGTT CTTTTTGGGA AGACAAAAAC TTTGTTGTTA
3651 TATGTTTAAAG TATTCCACTA CTGCACTAAC ACTTGTACAA ATGACTTAGC
3701 CTGACATCTT TATTTAGAAA GGTCAGGCAG TTGGACATTA TTGGGGTAGA
3751 ATAATGGTGC ATATTATATG GAGGTGGAAT TTTCACCTAT TAAAGGAGTG
3801 TTAGATTATG CAGCTTTATT TTGGGTTTTA AGAATGACAG TTGGGCATAT
3851 TTTTACTTAA AAGTGTAAAT TTAGAAGAAT AGCTGAGTCC CCATTTACAG
3901 ATGTGTGGGC TTCGTTTAAAG ATACAGAGCA TCAGTCGCAG TGAGTTACCA
3951 CTTCACAAAC TAGGGTGGCT CCAATCAAAA AGACAAATAA CAAGTATTGG
4001 CAATGATTTA GAGAACTTGG TATCCTCATG CATTACTGAT GGGGATGAAA
4051 AACGATGGAG CTGCTTTGGA AAACAGTAAA AATGATGGAG CTACTTTGGA
4101 AAACAGTTTG GTAGTTCTTC AAAAGGTTCA ATGTAAAGTT ACCATATGAC
4151 CTAGCCGTTT TACTCCTGGG TAATCTGCCC GAGAGAAATG AAAACCTACG
4201 TCCACACAAA AACTCATACA CATATATTTC ACAGCAGCAT TATTGTGAAT
4251 AGCCCCAAAG TAGAATAAAT CTAAATGTCC ATCAGCTGAT GAATGAATAA
4301 ATAAGATGAA GTATATCCAT ACAGTGCAAT ATTATTGGGC CATAAAAAGG
4351 AATGAAATAT TGACACATTC TACAACATGG ATGAGACTTG AAAGCATTAT
4401 GCTAAGTGGG AGAAGCCAGT CACAAAAGGC CTCATAGTAC ATGATTCCAT
4451 TTATATGAAG TATCCAGAAG AGGCAAAATT ATAGAGTTAT GAGGTAAATT
4501 AGTGGTTCCCT GGGGCTGGGG AAGAGAGAAA AGGTTGGGGG GAAATGGGGA
4551 ATGACTGTGA ATGTGGATGG GGTTCATTT TGGGGTGATG GTTGACAAAC
4601 TCTGTGAATT TACCTAAACC ATTTGGAATC CTGCACTGCT CATGTAGTTC
4651 CATTTCTTTA CACCTTCTCG CATGTGTTTC TATTGAATTG CTTTCAAAAA
4701 GATGATTTTC TAAAAGGTAT ATACTGTATA AGGATATGGG ATTTGAAGAG
4751 CTACTTTTCT TTTTAACTT TAGTGTGTTT TCAAGATGTA TTTTGCTTA
4801 ATTTCTATTA ATTCCTTTAA TTTTGTATC CATTTATGCA TGCTTAAGGC
4851 TGGGAGAAAA AAAAAATAGA GGCCTTTGTT TTGTCTAAA TTCTTTGT
4901 TTAATGGGAG GTAAAGTTTT TTTTTTTTTT GGAGATGGAG TCTTGCTCTG
4951 TCTCCCAGGC TGGAGTGCAG TGGTATGATC TTGGCTCACT GCAACCTCCG
5001 CCTCCTGGGT TCAAGTGATT CTCCTGCTTC AGCCTCCAG GTAGCTGGGA
5051 TTACAGGCGC CTGCCCAGCT AATTTTGTG TTTTATAGT AGACGGGGCT
5101 TCGCCATGTT GGCCAGGCTG GTCTCAAAC ACTGACCTCA GAGGATCCAC
5151 CTGCCTCAGC CTCCCAAAGT GCTGGAATTA CAGGTGTAG CCACCAGGCC
5201 CAGCTGGAAG GTAAAGATTT TTAAGAGCAC TGATAATGGA GCTTCACTAC
5251 CTGTTCTGTA ATCAAGATTG AAAGCTGACC CAGACTGATT GTATTATTAG
5301 TCAGAGGGAT TCCGAGTAGC TGTCTGCTGT GCAGTTTCAT CTGTACTGTT
5351 TTGAGAGAGG CAGAGTAAGT TGGGATGTA CAGTGGGTTG GTGAGGAATA
5401 AAGTAGTCAG TTACCAGCTA TTGTATTGAA AGCTTTATGT AAGTATATAA
5451 TTGAATTAGT TGAATATAT TAAAATTCAT ATAATTTCTG AGTTCATGGC
5501 TTATACTGTG AGCGTAAGTT TCCGCATGCA CTGGATAGGG TCTAAGAAAT
5551 TAAAATGTGG TCCTTGATGT TCTTTAAAT GGCCTTTGAG TATTTGGTTC
5601 GCCTTGACTC TGTGTTTAAA TAGGAATTAC TAATGGTTAT CAGTGACTTG
5651 TAGTTCATTA AAAAATTGGT TGTAGCCAG ATGCAGTGGC TAACACCTGT
5701 AATCCCAGCA CTTTGGGAGG CCAAGGTGGG TGGATCACTT GAAGCCAGGA
5751 GTTTGAGACC AGCCTGGCCA ACATGGCAAA ACCCATCTC TACCAAAAAT
5801 ACAAAAATTA GCCGGGCGTG GTGGTGCTTG CCTGTAGTCC CAGCTACTCG
5851 AGAGACTGAG GCACAAGAAT CGCTTGAATC CAGGAGGCAG AGATTGCAAT
5901 GAGCCCAAAT CACACCACTG CACTCTAGCC TGGGTGACAG AGCAAGACTC
5951 CGTCTCAAAA AAAAAAAAAA AAAATTGATT ATAAAGCTTC TTAGCATTAT
6001 GGTTTAAGGA TTTGAGAAAA CGTCGAGCCA TATTATTTTA GCACTTAAT
6051 GTTACTGAAC TCAAGTTTTA TGATAATATT GATTTTAAA AATAAGGCCT
6101 TTTATCTTGG CCATGAATGT TTGCTAAAAG TTAATGAAGC TATTCAAAGG
6151 AATATTTTTA TAAAAGGATA AATAATTTGT TTTTAAAT AATTTTCTG
6201 GAGAAAAGGT TAATGGTTTT CTTAGAGGCA GGGCATGGAG AGTTTATCCC
6251 AGTTCCTTTG CCCCTAAAT GAGCTTTTGG AAAAGAAGGG ACCACATGGG
6301 ATAGATGAGG CTCAGGCCTG TCTGCTGACT CAGGGCTAAC TTACCTTGTT
6351 GTACTCCTTG GCAGGCCTGT CCTCTCTGGA ACAGAGTTCT CTCCCCTACT
6401 TTCTCAACC CTAAGCTGGT TTTGGTTTGA AACCTCTGAG ATCATAGCAG
6451 TTGCTCTGCG CTTGCCTTTC TGGGAAGCTG GCGTTTGACT AGGAATGGGA
6501 GTTTGATACA GAGGAAGGGA GGGCAGCGAG GGGCGGCATG CTGTCATTCA
6551 GGACAGGAAT TCTATGGGTC AAGTTTACTG GAATGGAATT GATGTGACTG
6601 AAGAAAGAGG GTGGGTCTGG GGAAATGCCT AGAAAGCAGG AGTGAGGTCC
6651 CCTCTGAGGT CCATTGTGGC CTCAGCACCC CCAGGGGTAT GCACTACATG
6701 AGAACTCTGA ATTCTGGCCA ATTCCTTGAA TTTTGGGAG GGACTGTGCT
6751 ATGTATATAG ATGTCTCACC AAACCTTGTT CTCATTCTTG ACGGTGAAAA
6801 TACCACCACT GTTTGATCTG AAGTCTGTGG TAGGTTTATT AAGTTTTTCA
6851 TTATTGAAGC CAATGAATTC AGATTATCAT AATGATGGAG AATTATGAAG
6901 TAGTCTTTTT CTACTAGGGA TTGATTTTCT AGGACCTTAA CTATGAGAAC
6951 AATAACTTTC TTCATCCTCT GGAAATGAAT AGTAATTAAT GGGATTCAAT
7001 GTTTATATAC ATATGTAAGA TTATGTATGT GTCCACCTAA TAAGATCTCC
7051 TTTTCTGGA GTGTACAATC ATATCTCCTT TCAAATGTTT TAAAGGTTTT

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7101 AGTGCACAAT TCAGCCATCT GAAGTATACA ATTCAGTGAT TTTAATATA
7151 TTCATTGTGC AACTATCATC ACAGTCAATT TTGGAACATT TTCATCACCT
7201 CCAAAAGAAA TATTATACTC TAGCTATCAT CTCCCATCCC TTCTCCCCC
7251 CACCCCTAAG GAACCACAAA TTTACTTTAT ATTTCTGTAG ATTTCCCTGT
7301 ACTGGACATT TTGTATAAAT AGCCTCATAT CCTTTAAGT TAAATATTAA
7351 ATGCTTACAA AAGCTCACTA TTTAGAGGAA ACTGGTGGTG AATTTTTAAT
7401 TTTATATATC TAAATTTTCA AGAATGTTA AAGTTAAAT GTTTTTTCC
7451 CCCAGAAAAA TCTTGAATA ATGTGCTGAT CAAAGGAATG AGCAATACTT
7501 ATGTCATCAC TATCAGACAT ATGTAATCTT TCTATGTGAT TAGCAGCATG
7551 CCATTTGAA TAGTGAATTT CAAAGCCATA AGGCAGTTTT CTTCATATT
7601 TGAATGAGG TCTTCAAAGC TAGTTAGGAA TGTTTATAGT TACTCAGTTT
7651 TGAATGACTC ATTCATTTC AAGTGGCGTT TTAGCTAGCA AAAACTTCAT
7701 TACAGTGGTA ACTCGAGCTT TGTCAGGTTA CTGCATTTCT TCAGGTTGGT
7751 TTGCCTTAAA GGAATTTACT TCATACAAAT TTTTGGTAAG TTTTGTGG
7801 CTTTGCCAAG GTTAATTTTA AATAGAATAT TACCTTTACA GGGCCAGGCG
7851 CAGTGGCTCG CGCCTATAAT CCCAGCACTT TGGGAGGCCG AGGTAGGCAG
7901 ATCACGAGGT CAGGAGATTG AGACCATCCT GGCTAACATG GTGAAACCCC
7951 GTCTCTACTA AAAATACAAA AAAATTAGCT GGGCGTGGTG GTGGCGCCT
8001 GTAGTCCCAG TACTCGGGA GGTGAGGCA GGAGAATGGT GTGAACCTGG
8051 GAGGCAGAGC TTGCAGTGAG CAGAGATCAC ACCACTGCAC TCTAGCCTGG
8101 GCGACAGAGC CAGACTCTGT CTCAAAAAA AGAAAAAAA AAAAAGAATA
8151 TTACCTTTAC AGAAAAAGGA AATTGAGCAC TGTATGCTAG GTTGGTACAG
8201 TATCATTGTT TATAATATTA ATGCTGAGAT CCTAATTTTT TTTTAACTT
8251 TGTTTTTTGG TTGTTTTGTT TTAATTTATA TTTTAGGTTT GGGATATGTG
8301 TGCAGGTTTG TTATATAGGT AAACCTCATGT CATAGGGGTT TGTGTACAG
8351 ATTATTTTCAT CACCAGATA CTAAGCCTAG TACTCAATAG TTATTATTAT
8401 TATTATTATC TGAGACAGAA TCTCATTCTG TCGCCAGGC TGGAGTGAG
8451 TGGTGCAATC TCGGCTCACT GCAACCTCTT CCTCTGGGT TCGAGCCTCA
8501 GCCTCCTGAG TAGCTAGGAT TACAGGCATG TGCCACCATG CCTGGCTAAT
8551 TTTTGTATTT TTAGTAGAGA TGGAGTTTCA CCATGTTTGT CAGGCTGGTC
8601 TCAAACCTCT GACCTCAGGT GATCCACCCG CCTTGGCCTC CCAAAGTGCT
8651 GGGATTACAG GTGTGGCTCA CACCTGTAAT AGGCCACTGT GCCCGGCTC
8701 AATAGTTATT TTTCTGCAC CTCCTCCTTC TCCCACCCTC CACCCTCAAG
8751 CAGGCCCTCAG TGCTGTTTGT TTCCTTCTTT GTGTCCATGA GTTCTCATCA
8801 TTTAGCTCCC TCTTGAAGT GAGAATATGC GGTATTGAT TTTCTGTTCC
8851 TGTGTTAGTA TGCTAAGGAT AATGGTCTCC CCCTCATTC ACATTCCCCG
8901 AAAAGACATG ATCTCATTCT TTTTATGGC TGCATAGTGT TCCATAGTGT
8951 ATATGTACAT TTTCTTTATC CAGTCTGTTG TTGATGGACA TTTAGGTTGA
9001 TTCCATGTCA TTGCTATTGT GAATAGTGCT TCAGTGAGCA TTCGAGTCCA
9051 CGTGCCCTTA TGGTAGTAGG ACTTATGTTT CTCTTGGTGT ATACCCAGTA
9101 ATGGGATTGC TGAGTTGAGT GGTAGTTCGG TTATTAGCTC TTTGAAAAAC
9151 TTCCAAACTG CTTTTCACAG TAGTTGAACT AATTTACACT TTCACCAACA
9201 GTGTGTAAGT GTTCCCTTTT CTCTGCAACC TCACCAGCGT ATGTTATATT
9251 TTGGCTTTTT AAATAGCCAT TCTGGTGGTG TGAGATGGTA CTCATTGTGG
9301 TTTTGATTGG CGTTTCTCTA ATGATCGGTG ATAGTGAGCA TTTTTCAT
9351 ATGTTTGTGG GTGGCATGTG TGTCTTCTTT AGAAAAGTGT CTGTTTCATAT
9401 CTTTGTGTTA CTTTAAATG CGTTGTTTAG TATTTTGTTC TTATAAATTT
9451 GTTTCAGTTC CTTATAGGTG CTGGATATTA GACCTTTGTC AGATGCATAG
9501 TTTGCATATA TTTCTCCCA TTCTGCAGGT TGTCTGTTC CTCTGTTTGA
9551 TGGTTTTATT TGCTGTGCAG AAGCCCTTAA GTTTAATTAG ATGGGATCAT
9601 AATTCATAAA GAATATTTTT GTCTTAAGGA GTAAAAAGAA CAAAATAATC
9651 TTCAGTAACC AATTTGTCCA TGAATAGTGG GGAGAGATTA TATATGTGGT
9701 ACTAGATCCA ATGTCAATTG GTACTGTGAG GATGAAGAAT TCTCCTCTAA
9751 ATGTTTTAAT GCTGCAGAA TTAGTAGGTA TCTGGTCTTA ATGCACAAGC
9801 TGCTTACAA TTAGCAAAGA AGCAATACCA GCATCCTAGT TAGAATCATA
9851 ACTTTTTTTT TTTTTTGAGA TGGAGTCTCA CTCTATTGGC CAGGCTAGAG
9901 TGCAGTGGCG CGAACTCCAC TCATTGCAAA CCTTTGCCTC CTGGGTTCAA
9951 GCGATTCTCC TGCCCCCTCAG ACTCTCGAGT AGCTGCGATT ACAGGCACCC
10001 GCCACCACGG CCAGCTAATT TTTGAATTTT TGGTAGAGAA CGGGGTTTCA
10051 CCACATGGGC CAGGCTGGTC TTGAACCTCT GACCTCAAGT GATCCATCTG
10101 CCCTGGCCTC CCAAAGTGCT GGGATTACAG GTATGAGCCA TGACGCCTGA
10151 CAGAATCATA ACTTTTTTGG TTTATGTAAA GATCATTATC TAAAAACCA
10201 AGGTTATGTA ATCTCTGATT TGAGACTGCT GTCTTTATCA AGTTTGGCAA
10251 AGGTAAAAAGT ATTCTTATC AAGAGTAATT GCTGATGTTG AAAACAGTCT
10301 CAAGATTTTC CTCTCTGGTA TGCTGCTTTT TGTTTAGAA TGGATATACT
10351 TGGTTAATTT CCAAGCCAGG CACTGTACTT TCTGAACGTG AATGGCACAA
10401 CAATCCTGAG TTCTTATTTT CGATGTACCA GCAGCAATTA ATGCCATAGA
10451 AGAGTCTTGT AATGAGAACT GTTATCACCT TTACACCCCT GGACAAGTCT
10501 TTTGAGGAAT CCTGCAGACG AAAATATTGG AACTGGGGGA GCTTTGGCAT
10551 AGTACATTCC AGGTAACCAT TGAATGTGTG AGCTTTCTTG AAGAGTATT
10601 TTAGAAACAG AAAAGCCTGT CAGCATTGGG CCAGTTTAT ATTTGGTGT

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10651 TCTAAGGAAA CAGCAAATGT CTAAGAGGAC AGACTTTTCAT GGGTGATTTTC
10701 TTTATCAAGT TGACCCCTGT GTGGGTGGA TAATGGAGCC CAGTTTGAAT
10751 TTGACCAAAA AAAATCTGTG CCATTTCCAC TGTTTAAAT AGGTAAAGC
10801 ATTTGGTTTG AGAATTTTGG TCAGTAATTT ATTTCCCCTC TCTCCTCTTC
10851 CCAAATCTGT TTAATCTTA TTGTCTGCTG TGAACCTGGA AGCATTTATG
10901 ATTTTGTGATT AAAAGAATT AAGCATCAGG ATTTGTGAGA CAAATTAATA
10951 CTCAACCAGA ATTGGAAGAG ACCCAAGACG TGACAAGTAA GTACTGTGTG
11001 GGTCCCTGAA TTGGATTCTG GAACAGAAAA GACATTGGTG GAAAACTGG
11051 TGAATCTTGA ATAAAGTCTG TAATTGGATT AGCATTTGTC CAGTGTACT
11101 TTCGTAGTTT TGACAATTGT GCTATGGTGA TGTAAGATGC TAACATTGTG
11151 GGGAACTGG ACGAAGGATA GATGTCAACT CTATTATTTT TGCAACTCTT
11201 CTATAAGTAT ACAGTTTTTCG GCCAGGTGTG GTGGCTCACA CCTGTAATCC
11251 CAGCACTTTG GGAGGCCGAG GCAGGCAGAT CACCTGAGGT CAGGAGTTCA
11301 AGGCCAGCCT GGTGAACATG GTGAAACCCC GTCTCTACTA AAAACACAAA
11351 AATTAGCCATG GCACGGTGGC GGTGCCTAT AATCCCATCT ACTCAGGAGG
11401 CTGAGGCTGG AGAATCGCTT GAACCCGGGA GGTGGAGGTT GCAGTCAGCA
11451 GAGATCGCAC CATTCGACTC CAGCCTGGGT GACGAGAGTG AAACCTCTGTC
11501 TCAAAAAAGA AAAAAGTATA CTATTTTCTC AAACAAATCT TAAATCAAC
11551 TAGAAGTATC TGAGAGAATA GGAATGAAAT GCTAAACTCT TGTTTTCTG
11601 TTGAATACTT TAGTAAATGT TTGGATCTTT AATTGGAAAC ATACATGATT
11651 TTGAAGGGAG GATGGTCAGA AGAAAAAGG ATCAGTATCT TCATATGTTT
11701 GTTGTGATGA GTAGATGGGA AAACCCCTAC TCTCGGGGCA TCAAAGAACA
11751 TTCCCTATGC TCACAAACAG CACCAAGGGT TTGTTTGCAT AATGTCTGAT
11801 CTAGTTGCTT AAGTTGAAAA AGTAGSTAAC AAAGTAGACT GCTCTGTTTT
11851 TGCTCAGTTT AGTCATGTGA GCTTCTGTGT CGTTATCCAG AAAGTTGCAT
11901 CTAAGTGTTC GTTCTACTAC TTATAGCTGA GTCACCAAC AGACAGCAAA
11951 AGCTTACTCA GAAATGCTAA TCAGCAACCC TTCAAGAGG GACAATGCTT
12001 AGACAGAACA AAAGGAGAGG TCTGACCATT GTGGGATGT AGGGATGTTT
12051 AACAAAGAAA TTTCTGAAA TCCATGAGGT TGGGTTGGT CATTCAAATG
12101 CTGACCCATT CTTTCTCTT AAATGAAAGC CAGCTCTTCA AAACGAAAT
12151 CATAGGTTTT TAGCCTTTAC TATTTTATAT TAGATGTCAT TAAAAATGAT
12201 TTGGGGTTGA GTTTGGGATG ATGTTAGTCA CTCTGATGGA TTATTCTATG
12251 TATCTTCAGT CTACGTATAA CATATACCAT ACGAAAGGCT TTTGGAGAGT
12301 GTTGGCAGGT TTCAGCTTAG AAAAGACTTC AGCTTGAGAG TGGACCTAAC
12351 TCTCATGTAA GTTCTCTGTC TATATCAGTG GTCTCCAAAA CTTTTTCAT
12401 GGATGTCCCA TTTGTAACAC TTTTTTTTTT TCTTTTTGGA GTCTTGCTGT
12451 GTCACCAGGC TGGAGGCGAG TGGCGTGATC TTGGCTCACT GCAACCTCCG
12501 CCTCCTGGGT TCAAGTGATT CCCCTGCCTC AGCCTCCCAA GTAGCTGGGA
12551 CTACAGGCAC GTGCCACCAT GCCTGGCTAA TTTTTGTAT TTTAGTAGAG
12601 ACGGGTTTC ACCATTTTGG CCAGGATGGT ATCGATCTCC TGACCCCATG
12651 ATCTGCCCTC CTCGGCCTCC CAAAGTACTG GGATTACAGG CATGAGCCAC
12701 CACACCCCA GCCCATAAAA TTCTTTAGCA TGAACCTTTG ATATGTATAT
12751 TTAACACATT GGTATACATG TGCTATCATT GTAGTTATT ATCTGAAGAC
12801 CCAGTACATA TTTACCAAGA TTCTCCGTTA AGGATTATG ATGTAAGTAC
12851 ATATTGTTCA CAGTCTCTC TATTATTTTG AATGCTTTG GCCGATTTGT
12901 CAGATTTGAT TAAATTACCC TAATGTTTAA CTTAGTAAAA TGGTTTTAAA
12951 GAGCTTTTAC TAGGAATGTA AGTGTCATT CTGCTGCTTT TTATTCTCTT
13001 GTAATTGCTT TATTAATAAG TATAATTTC AATTTGTGGT TTTGTTGTAT
13051 GATTCCTTTA TTTTTATTT TATTTTATT GATCATCTT GGGTGTTCCT
13101 CACGGAGGGG GATTTGGCAG GGTATAGGA CAATAGTGA GGAAGGTCA
13151 GCAGATAAAC AAGTGAACAA AGGTCTCTGG TTTTCTAGG CAGAGGACCC
13201 TGAGGCCCTT CGCAGTGTTC GTGTCCCTGG GTACTTGAGA TTAGGGAGTG
13251 GTGATGACTC TTAAGGAGCA TGCTGCCTTC AGGCATCTGT TTAACAAAGC
13301 ACATCTTGCA CTGCCCTTAA TCCATTTAAC CCTGAGTGA CACAGCACAT
13351 GTTTCAGAGA GCACAGGTT GGGGGTAAG GTCACAGATC AACAGGATCC
13401 CAAGGCAGAA GAATTTTCT TAGTACAGAA CAAAATGAAA AGTCTCCCAT
13451 GTCTACTTCT TTCCACACAG ACACGCAAC CATCCGATT CTCAATCTTT
13501 TCCCCACCTT TCCCCGCTT CTATTCACA AAACCACCAT TGTCATCATG
13551 GCCCGTTCTC AATGAGCTGT TGGGCACACC TCCCGGACGG GGTGGTGGCC
13601 AGGCAGAGGG GCTCCTCACT TCCCAGTAGG GCGCGCTGGG CAGAGGCGCC
13651 CCTCACCTCC CGGACGGGGC GGCTGGCCGG GCGGGGGCT GACCCCCCCC
13701 ACCTCCCTCC CGGATGGGGC GGCTGGCCGG GCGGGGGCT GACCCCCCTAC
13751 CTCCCTCCCG GACGGAGTGG CTGGCCGGG AGAGGGGGCTC CTCACTTCCC
13801 AGTAGGGGCG GCTGGGCAGA GCGCGCCCTT ACCTCCCGGA CGGGGCGGCT
13851 GGCCGGGCGG GGGGCTGACC CCCACCTCCC TCCCGGACGG GCGGGCTGCC
13901 GGGCGGAGAC GCTCCTCACT TCCCAGACTG GGTGGCTGCC GGGCGGAGGG
13951 GCTCCTCACT TCTCAGACGG GCGGTTGCC AGGCGGAGGG TCTCCTCCCT
14001 TCTCAGATGG GCGGCTGGG CAGAGACGCT CCTCACCTCC CAGACGGGGT
14051 CGCGGCGGGG CAGAGGCGCT CCTCACATCC CAGACGGGGC GCGGGGCGAA
14101 AGGCGCTCCC CACATCTCAG ACGATGGGCG GCGGGGCGA GACGCTCCTC
14151 ACTTCTAGA TGGGATGGCG GCCGGAAGA GCGCTCCTC ACTTCTAGA

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14201 TGGGATGGCG GCCGGGCAGA GACGCTCCTC ACTTTCAGAG CTGGGCGAGCC
14251 AGGCAGAGGG GCTCCTCACA TCCCAGACGA TGGGCGGCCA GGCAGAGACG
14301 CTCCTCAGTT CCCAGACGGG GTGGCGGCCG GGCAGAGGCT GCAATCTCGG
14351 CACTTTGGGA GGCCAAGGCA GGCGGCTGGG AGGTGGAGGT TGTAGCGAGC
14401 CGAGATCAGC CCACTGCACT CCAGCCTGGG CACCATTGAG CACTGAGTGA
14451 ACGAGACTCC GTCTGCAATC CCGGCACCTC GGGAGGCCGA GGCTGGCGGA
14501 TCACTCGCGG TTAGGAGCTG GAGACCAGCC AGGCCAACAC AGCGAAACCC
14551 CGTCTCCACC AAAAAAATA CGAAAACCAG TCAGGCGTGG CAGCGCGTGC
14601 CTGCAATCGC AGGCACTCGG CAGGCTGAGG CAGGAGAATC AGGCAGGGAG
14651 GTTGCACTGA GCCGAGATGG CAGCAGTACA GTCCAGCTTC GGCTCGGCAT
14701 CAGAGGGAGA CCGTGGAAAG AGAGGGAGAG GGAGACCGTG GGGAGAGGGA
14751 GAGGGAGAGG GACAGGGAGA GGAACAGGAA CAGGGACAGG GACAGGGACA
14801 GGAGTACTGG TCTTCATAGT TACTTCCCAA TATTGTTTTT GCCCACATTT
14851 TCTGATGGGA CATGCACTG GCATTTCCCA GTTCTCTTTG TAACTAGCGA
14901 CTGTGTGGCG AACTTCAGGC CAGTGGTCTC TCAGAAGAGT CACATGGCAG
14951 TTCTAGGAGC CCTCCTGAGA CTCAACGCCC ATGCATCCTT CATTCCTCCT
15001 CCATCCTGAG CCAGGAATGT GGATGCCTGT ATGATCTCTA AACCATTGTG
15051 TCTTTTGGGA GGGTTAATT AGTTTAAATT GGATAAAGT ATGGATGACT
15101 CCACCTAGCT GGGACCTGGA AATTGAAATG TGATAGTAGT AGGAGAGAGA
15151 CAGACAGGGA GGGTACCACT GTTATCCCTG TATTAGCTCA GGCTGCCATA
15201 GCAAAATACA TAGACTGCGG GGGCGTAAGC AGGTGTTCGT CTTCTCATAG
15251 TTCTAGAGGC TGAAGTCCA AGATCAGGGT GCCAGCATGA TCTGGTTCTG
15301 GTGCGGGCTC TCTCCTGGCT TGCAGATAGC TGCTTTCTTG CCATGTCCTC
15351 CCAGAACAGA GAGAGTGAGC AAGAGCAAGA GCGAGAGTGA GGGAGAGACA
15401 GAGTGAGAGC TCTCTGTCTC TAATAAGGGC ACTAATCCCA TCTTGAGGGT
15451 CCCACCTCA TGACCTCATC TAATCCTAAT TATCTCCAAA AGGGCCCAAC
15501 AGTAGCATCC CATCACATTG GGGTTAGGG CTTCACATA TGAATTTTAG
15551 GAAGGACACA GTTCAGTCCA TAGCACCACC CACCTTCCC ATTAAGAGAGG
15601 TTCCTCTCCA GCCACATTAC ATAGAATTAC GTTGGGACAC CAGTGTGAGT
15651 GCATTTAATA AATGTTCCTG AAGCTTATTT TTTGGAGGTA TATATAAATA
15701 TAAGCTCTGA TAGCATCTTC CCAAACCCCA CTGGAAGCC ACCTGCTTTA
15751 GATTCAGTTG ATTAGGGGCC GCCTTAGAGG AAAACCATCT GGTGAGCCCC
15801 AGTCTGACTT TTACTTTAGG CCCCAGGAAC TCTGAGACTG ATCATAAGTC
15851 TTGTTCTCTA AGTACCATTG ATAATCCTAC ATTTGGTATA TGTGAGGTAA
15901 GCATTGCACT CCCTCTCTGT CAAGAATTGG GGGTGCCTGG TTAGTGGCAG
15951 CACTGCAGGG GTGGGAAAGT AGAAGGACGG GGCAAAACTG CTAGTAGAGA
16001 CCAATGAGCT GGGCCTGAAA GATGAGTACG AGTCAGCCTG GAAACTTGGG
16051 TGGGGCTTGG TGGGGAGGGC AGGCCAGACA TGGGGAACCC CATGTGCAGA
16101 GGTGCAGAAG AGTGTAAACG CCAGGTGTAT GTCTTTCCAG AAAAGATGTG
16151 GAAGAAGAAG GTGATGTGGT TTGGCTCTGG GTCCCTACCC AAATCTCATC
16201 TTGAATTGTA GCTCCCATAA TTCCCATATG TTGTGGGAGG GACCTGGTGG
16251 GAAATGATTG AATCATGGGG GCGGTTTCCC CCATACTATT CTCGTGGTAG
16301 TGAATAAATC TTATGAGAGC TGATGGTTTT ATCAGGGGTT TCCACTTTTG
16351 CATCTTCCCTC ATTCTCTCTT TGCCTGCTGC CGTCCATGTA AGACGGGACT
16401 TGCTCCTCCT TGCCTTCCAC CATGATTGTG AGGCTTCCCC AGCCATGTGG
16451 AACTGTAATT CCAATTAAAC CTCTTTCTTT TGTAAATTGC CCAGTCTGGG
16501 GCATGTCTTC ATCAGCAGCG TGAAAACGGA CTAATACAGA AGGGATGATG
16551 GACAAAGTGC TGTGAAAGGC CAGGCTACTG GAGACGGGCT GCTATAGCCA
16601 AGAAAAGCTT TTATGAGCCA GGTGACAAAG TGATAGATAG TACTTGGGTT
16651 TGATGTGCAC AGCCACCTGC TCTGCATTTA GAATAAGCAT ATGAGGCTGC
16701 TGTCAATTGCC CAGGAAGAGG TGCAGGGCTA TACTGCTGCA GGAGAAGAGA
16751 AGCACTTGGG ATGGTTAGCA GTGGGGCTGT AAGTGGACAG AGCACTAGGC
16801 AAGTGTGATT TCCAGGTTCC AGTGTAGTG ACGGAGAAGG TGTGTAGTCT
16851 GTTCTTTGTG TTTCTGAGTT TTGTTTTGAA CTATTTTGAA CTGTGGAATG
16901 GGGCAAGGTG ATTGACCTCA GAATAGCAGA AAGCCCTTT CACCCAGTA
16951 TGAGACCAAC CCAGGGGAGC AGAGATACAC ATGTAGGGGG TGATCTCTGT
17001 TGGTTGCGTC ATGAAGGAGC TCCTTCTCTC AGCAAGGTAG GGGCAGCACT
17051 GGGCTCTCTG GAGAGACACC AAACCTTTGA CAGATCTTTC CCTACCTCTA
17101 GATCTGTTTG GTTTCAAGAT ACTCCAATTA ATAACTGGA AGTAGAATAA
17151 TGTATAGCT TACAGCATGA TGAGAATTAA ATGAGAACAT CTGGGCACAG
17201 TGGCTCATGC CTGTAATCCC AGCACTTTGG GAGGCCAAGG CAGGAAGATT
17251 GTTTGAGGCT AGGAGTTTGA CACCAGCCTG GGCAACATAG TGAGATCCTA
17301 TGTCTACAAG AAAAAAATAA TTAGATGAGA ATGTACCTGT TTAAGGCTGC
17351 ACTGTGTAAG AGCTCACAGA CTCACACAGA GTTGCTCATT GACACCAATT
17401 ATCTGGTTAT TACGAATGTT GTTCTCTTTT GCCACTCATT TTGCTCTCTA
17451 ATTCTTTGAT AACCAAAACA ATCAATTATA AGCTGTAAC TGGGGAAAAG
17501 GGAAGTGGAC TTGCGTATTA CTCTGCCCAA GAGTTACACA TTGCCAAGGG
17551 AAGAAATATG CAGGCTGAAG AATCACAAGG TAGGTTTTGG GCATTAGGGT
17601 CTTTTGTACA TATATGTTTT CTAGCCTGTA ACTGCTAGGA ACAAGCAGGC
17651 TGGACTGCGA GCATAAGATG AGTCTAAAT GTGTTTGAGA GTGCATGTGT
17701 GGATTGGTGT TAAATCAAGA AACTGGCTTC TCCTTTTGGT GTCGTGAAAG

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17751 AACACAGTTG CATATAAATT CACATTAAAT TCACTGACAC CTCCTCCTGC
17801 AAACAAACAC CAAAATTCTT TATGATAGAA TGGTTAAAC CTTAAACTTG
17851 GTCCACATGT ATGACTAGAG TTGTATTGAA TGTGACTAT AAAGTCTGCA
17901 TCTGTATCTT TCTACCCTCC CTCCTTTTTT CCCTTCCATC TTGTTTGGGA
17951 CCATCAACTT TTTGGCTCTG TGGGGCTCTG CTTTGAATAT CTCTGAGGAA
18001 CTTGGCACTG TGCATAATAT GGAAACTGAA TACTTAACTG TAGATTCAAT
18051 GATATAAAGG AATATTATTT ATTTATTTAT TTATTTTAAA CTTTTTCTTT
18101 TTTTGAGACA GAGTCTCGCT GTTGCCCAGG CTGGAGTGCA GTGGCGTGAT
18151 CTTGGCTTAC TGCAACATCC CACTCCCGGA TTCAGGTGAT TCTCCTGCCT
18201 CAGCTTCCTG TGCAGCTGGG ACTACAGGCG TTCACCAGCA GGCCCGGCTA
18251 ATTTTTTTGT ATTTTTAGTA GAGATGGAAT TTCACTATGT TGGCCAGGCT
18301 AGCCTCGAAC TCCTGACCTC AAGTGATCCG CCTGCCTCAG CCTCCCAAAT
18351 TGTGGGATT ACAGGCGTGA GCGACCGCAA CCGGCAGGAA TATTCTTTAA
18401 ATTATTGAAT AAAAAATATG ACACTTTTGT TTTTATTCCA GTGAAAGGTG
18451 GAAGTTTGA AAGTATTGCT GTCTAGCATA TGAACACAGT TACCAAGCTC
18501 TGACAGTTTA AAAATAGAGC TCTTTATTTT AAAACAGTAA GGCCATTTGC
18551 TGAATAGTAT CACAATTAT TCTCTAGTAC TCAGCTTTGT TAAACTGCCC
18601 TCATAGTCAT TTTTAAATGT TACCTTTACA AATTAGAATT CATTGACCAT
18651 TCTAACAGTG GTTACCAGA GTAAACTGAA TAATTTACAC TAATGACGAT
18701 GCCGTGGTAA GGCAGAAACA TGAACCTCTC TCAGTATCAC TGTTTTGAAT
18751 GTCAGCTGTC ATGCAGTTTC AACACTACAC CTATTTCAAC AAAGTTTTGT
18801 TCACTGTATA AGATTAGACA TAGCAGAGGA AGTAATTTTA AGTACAGGAT
18851 AGTGGCTGTG TGTGTGTATG TTGGGGAGGT ACCACCATT TCTCTGTAC
18901 ATGGGTCAGT CATATTTGTA AGCCAAACAA TGTGGACATT GGAAAGTCAA
18951 AAAACTCCAA GACAGAAAAC AACATAAGGG AAGATTCTT TTCATACTTT
19001 TACCAACCTC CTTCCACTGC TTTATCTAAA TGTGTACACA CATAGGCACA
19051 TGCCATATCT TTTAACGCTT ATAATTCAT GGGCTTACAC ATGAACATCT
19101 GTCTTCTCGG GGGACACACC ATTTACCTG GAAAACCAT CTAGTCCACA
19151 GTGAGCTGGT GTTGAAAGTT CTTCTCTGCTG ATCGAGGCTT CCTGTGAGTC
19201 CCAGATGATG GTTCTAGACT GTGGCCGACG CATAAGTGGC AGTCGACCCA
19251 TAACAACTGC AAACATGTTT AATTACTATA ACAAACGTT AATTCTCACA
19301 TTATATTTGA GTTAGTATTG GACTGTCAGG AATTTAGTAG TTCTCTTAAT
19351 GTTTAGTTTG ATAGTCACAG ACCCATTTAT AGAGATGACT CTTCAGGACT
19401 GCCCCAGGGA GCATATGTGA CCTCTTCATA TGTGTGTGGG TGTCTATCA
19451 CATTGTTGGG AAAGAGTGAG TTTTCTTATT TCACCAATTG ACAACATTGC
19501 TCCATACTC AACAAAAATT TAAATGAGGG TTGGAAGAGC TTTCATTTT
19551 TTGCCCTTAA AATTGTACCC CCAAACCTCA GTACTCCATA TTAGTATGTA
19601 CGAACTCTGA GGAAATGCTG AGAAAGCTGG AGACTATCTG TTACTTGCTG
19651 ACAGTCTTTT CCTGTGCTA GTTCACTTTC TGAGGTCCTT CTGTGCTAG
19701 TTTTATGGTC CCTTGTCTAG TATTTGTAT GGATGGTTGA TGGGTGCAAT
19751 GTGCAATGCA GTATTCCAAA TATTTTTTTT ATCATGTGTC ATGCACTTAA
19801 GTAGACAAGA AGCTATTTTC AATTCAGTGC TGGTGTGTC CATAGAGTTA
19851 AATACGTTTT TTATAGAAAT CAACCTGTGA TATTTATAAA TATTTTAGAA
19901 GAGTAGATTA TAAGAAAGTT AACTGACTTG GATTTTAAAC CATAGTACTT
19951 TTTATATAAA TAGTTTAAAG ATATTGATT AGCATTTCTT ACAGCCAAGT
20001 ATGTTTTCTT ATATATCCTG AAGATAAATT TATTATGTGC CATTTTTTTG
20051 AACTATTGTG TTAAGGGACA TGATGAATTT TGATATTTTG AGATACAACC
20101 ATTAGAAAAA AATGAAGAGA GTCTGAATAT GTAGCCCTTT AAAAGAAACT
20151 TATGTGCTGC TTAAGTTTGA AAATACATTG AATATTTTAA AATTAGGACA
20201 GCATCAACAT GGCTCCACAT ATACCCGTGG AACAATTGTT ACAACAAATA
20251 GAGGCTGGGC ATGGTAGCTC ACACCTGTAA TCCCAGCACT TTGGGAGGCT
20301 GAGGCAGGTG CTTGCGCTGA GCTCAGGAGT TTGAGACCAG CGTGGGGCAA
20351 CATGGTGAAA CCCCATCTCT ATCAAAAGTA CAAAAAATTA GCTGAGCATG
20401 GTGATGCACG CCTGTGGTCC CAGCTACTTG GGAAGCTGAG GTGGAGGATC
20451 GCTTGAGCCT GGGGGGTGGA GGTAAAGTG AGCTGAGATT GCACCACTGC
20501 ACTCCAGCCT GGGTGACGGA GGAAAACCTT GTCTCAATTA AAAATATTAA
20551 TAGTAATAAT ATAACAAATA GAGCTGTGGT TGAGTTATGC AGAAGTGATG
20601 AGCTAAGATG TATTATCTGC TTAGTAAGAC TTGAAAGACA GTCTCTAACC
20651 AAAAAGGTGA ATTGTTTGTG AAACCTTTTT GCCAAGGTTT ATGTTCTCCA
20701 TAAAATTCTC AAATACAATT TTGCGGAGTC TTTGCAGAAAT GATGTCAGTG
20751 CTAGATTTTA CTTTGTCTTT CCAGTTCTCG TTCGTGGCAT TTTTGTATTC
20801 CACAGGCTGT CATGTACCTC TCATTTCCTG TTTTGTGAT ATAAAGGTAA
20851 CTTGGTTGGC GAATCGATGA TATATAGATC AGGTATTTTA TTTTtagcct
20901 TCCATTGCAT AAGAAAAATC TAGGTTTATT TCGTCTGGGG CAGGCTCTGA
20951 TTTCTGTTTG TAGCCAGCAC TCCTGGTGAT TTTGCTGAAG GCGGTCTCTA
21001 TTTGTTGTCA CCTCATGCA ACAATGTATA GTTCATAGGA ATTTTTTGAA
21051 GATTAAATGA GTTAATATGC ATGAGGCACT TTAACAGCA CCTCACTGAG
21101 TGCTTTATAT ATTTTGCTGT TGCTGTAGTT GCATTTTAGA TAGTGTTT
21151 GACAACAACCT CTCCCATCAA TTTTGGAATG TACCACTGG GTTTTACAAA
21201 AAAAACCAGG TATTGTCTTG TATTAGTAGA GATTAAAAGG TAAGGTGCTAT
21251 ATCGAATAGG ATGAATGTGT TTCAGGAACA AACTAGAAAT GTTTTCTTTT

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21301 TGCACAAACC TGATTTTGAA GATTAATTCT AGTTGCCTG AGGTTATCAT
21351 GGAGAACTTT AAATTATTAA ACATGTAATG GAAAAACAT GCAGTGAAT
21401 CTTTCTCTCT TTCTTTCTTT TTTTCTTGT AATAGCCTGA GTGGGAGGT
21451 AATTAGCTAT AGTATAAGGA ACAAACATA ACAAGTACAT GAGTCTTGGC
21501 TCTACCAGGG ACCAAGTGAA TGACCTTAGG TCAAGTCCAT GATTTCGCTG
21551 AGTCTGACTT TCCTTGTTTG TTTGATGGAA ACACACTTCC CTAGAAAGCA
21601 TGTCGGGAAG CTAATAGAGA TTTCAGATGC AAAAAAGCCT AGGACACAGT
21651 ACAGTGGCCG TGGATATCGT ATATCCCTTC CTGTTTGACA GGTGGGTAG
21701 GCTTGTTGCT CTTTTTCTT TCTTTTTCT CTTTATTGTG GTAAAAATACA
21751 CATAACATGA AATTATCTT CTTTATTATA TTTAAGTATA CGATTACAGTA
21801 GTGTTAAGGA TAGTCACACT GGTGTGAGC CAATCTCCAG AAAGCTTTTC
21851 ATCTTGCAAA ACTGATACTC TGTCCTGTG AAACAACCTC CTGTTCTTCC
21901 TCCCCGTGCC CCTGGCAGTC ACCGTTCTAC TTTCTGTCCC TGTGTATTTG
21951 ACTTCTCCAG GTCCCTCATG TAATAGTCTT ATTGCTCGTT GATATAGTAA
22001 TTACAACCTT ACCATTACAA GGAGTCTTGC CTGGGCATGG TGGCTCATGC
22051 CTGTAATCCC AGCACTTTGG GAGGCTGAGG TGGGAGGATT GCTTGAGCTC
22101 AGGAGTTTGA GACCAGGGCA ACATGGCAAA ACCCTTCTT TATGAAAAAT
22151 ACAAATAATTA GCCAGGTGTG GTGGCATGCG CCTGTAGTCC CAACTACTTG
22201 GGAGGTGGAG GTTGCACTGA GCCAAATCA TGCCACTGCA CTCCAGCCTT
22251 GGCATCAGAG CCAATACCTGT CTCAAGAAGA AAAAAACCAA AAGCAGTCTT
22301 AGTACTCTAT CACACGGTCA TTTTGGTGG TGTTTTGTG CTTTTTCTAT
22351 GCTTTATCTC ATGTCTTGCT GTGTACCACA GTAAGCACC CTTTTTAAAA
22401 AATAGGTATA AATGATTAAA GGAATTCAG ATGACTCCCC CACCCCCAC
22451 CCCCCATTTT TGCTGTCTGG TTGACTTTAC CATTTCATC TTTCCCTGAC
22501 AACCTGGCT AGGTGGGAT ACACCAGGAC CAGGGTACAG AGTCATAGTG
22551 CCCAGGAGGA CGCTTGATGG GGTGGGTATA GATTTTAAAC CAGATCTGCT
22601 TTTTGTGTTA GTGGATTGTT TTCATGGCAC TGGCGCTGGT TCAGTCTCTC
22651 GTGTCTCCAC CTGTGACAGA GTTTCCTTT CACCTTCCC ATTGCTGGTG
22701 GTTATCGTTC TAAACAGCC AAGGCACTGT GATTCTCCCT GTTGAGGGAC
22751 CATCGCTGCT TCTCTTTTGT CTCCAGTAAG ATACACAAG CCACTCTCGT
22801 TCTATCCCCG GCTTACCGCA CCATCTCCCC AGGCTCCTCT TCCTGTGTCT
22851 GGCTGCAGCG TTTAATCACG GCACTTTCCC TGGAACACTG TCTCCTAATC
22901 TACTCAAGTT CGTCTCTCTG GAGGGCCCTG TTTTTCAGGC TCAGGTTGCA
22951 TCCTCTGAAG CAAGCATTTT CTCTCTCGTC CTGCATCTCC ACCGTTTGCA
23001 GCGGAGGCA GCGCTCTGT GCCGAGCGT TTCTCAGACT CTTTGTCTCT
23051 GGAACCTAGC ATGCTGCACC ACATCTATT TTATCCATCT CTGACTCTCC
23101 TGCTCTGCTG TGTCTCTCTT GATGACAAAG TCTGTCTGTT TCCCTCGCA
23151 TCCTCCCCAG CACGACGCAC AGTTCCTGCC AATGGGAAGT GGAAACCTT
23201 TGCTGAAGGA CTGCGCTCTG CAAGCGAAG TCAGAATTGA ACAGAAATG
23251 AGAATTGGCT TAATGTGTTG TTCTCAGATA TCCCTTACA CTTAATTGCT
23301 TATTGAACAA AGTAGAACCC CCATGGTGAT GTGCAGTTAC TTATGCCTCG
23351 GAAATTGATG TATTGTGTAG TGTGATGTT GTACTTTTCA ATATAAACTA
23401 CTCCTAAAG GGGGCTGCC AGGTAAATGC TTTAATGCC AATTTCTTCA
23451 GACTTGGCAG ATGGATATCT ACCCTCAAAT GGAGGTACAT TTGGGATTTA
23501 ATGTGACAGC TGGCATCCTT AGTCATTTAT GTTGGTCAAG GTTTAAACT
23551 TGTGTGTTCA ACAAATTTT TTATGGTAGC CGGTGTATAC TGTCTTGGTG
23601 CTTGGTGTG CAGCGCAGTG GTGGAATATC GAGGGCTCTG CCTGCAAGGT
23651 TACTCCTTAG CTTTTCGGGT ATATTGAGT AAGGGAAGTG TAGTAGAGAA
23701 CACACATGTT GAATGATCCA TTTCCATGGC TAAGTTCGTG GCCCTTTTT
23751 CCTCCTGCTC TCTGGCTCAT GCCCTTAGCC TCTTAAAGAA GAGTTACGGA
23801 AGAGAAACTC CGAGCAGCCT CCTGGCCTGT TTTTCTGAG CCGTAAGGTG
23851 GGTGCTTCAC TCTTCACAGG GCTAGCCCCG TATAGCTTTA ATTTCCACAG
23901 CACTTCTCTT AGAAGCTCTC CTCGCGGAGC ACAGCACGGA CGGGCCAGGA
23951 GCCGGGGCTC CCATGCCTGA AGCTGCTGTC CTCCAGGAGC CTCAGATGTG
24001 AGGCAGAGCC AGTCCCAGCT GGCATCTCCA TGGCACAGAT GAGGAAACAC
24051 ACCAGAAAGA GTTACATAAC TTGCCTGAGT TCCTACAGTC GGTGAGCATC
24101 ACAGGCTGTG TGGGATGCAT TAGGGAGTGG TCTGCTGAA GTGCAGGCAA
24151 TAAGAAGGTC CACACAATAA AACCCACTAA AAGTCCATCT GCTTTTAAATC
24201 ATCTCCGTGT ACCAGCAGTA ACATCTCTCT CCCTGCAAAA GCCTTCTTTT
24251 GGACTTAAAT CTAATAATTT GCCGTGACTA CTAATTAGTT TTTTGTTTT
24301 TTTTGTGTTG TTTGTTTGTG TGTTTTGTG TTTTGTGTTT TTTTGGAGAG
24351 GAGGTCTTAC TCTGTGGGCC AGGCTGGAGT GCAGTGGTAC AGTCATACTT
24401 CATTACAGCC TCAAAATCTC CCACCTCAAC CTCGTAAGTA GCTGGGAATA
24451 TAGGCACACG TCACCATGCG TGACTAATTA AAGAAAAAAT TTAGAGGGTC
24501 TTGATGTGTT GCTGTGTTGC CCAGGCTGGT CTCAAACCTC TGCCCTAAG
24551 TGATCCTCCC ACCTCAGCCT CCCAAGTTGC TGGGATTACA GTCACAAGCC
24601 TGGCTACTTT TAAAGATTTC ACATATGTAT ATAGCAGATA TAGTGTGTAT
24651 ATATATAAAA TATACACACA TATATTCTTC AATGTAGCAC ATATTTATTT
24701 TATTTACTTT TTCTTTTTTT TTGAAGTGCT GTTGGACTTG ATTTATTCTT
24751 TTTAAGTGAC GATTATATTC TACGTGGAAA TTCATTAGGA GCATTCACAG
24801 TTAACCTCT GTCTCCAGTG CCCACAACCA ACTGAACAGT ACATGTGCAT

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24851 TTTGAGAGCA AGGTCCTAAG AGTTAGGACA GGTCTGGAGT TCCCTTTGGA
24901 CACAGTGCTC TCCAGGAGCC CCATGGTGCT ACATATTCTG GAGTTAGTTA
24951 GTTTATGTAC TTATTTATGA TTATTTTGTA GAGATGGGGT CTGTCTATGT
25001 TGCCAGGCT GGTCTTGAAC TCCTGGCCTC AAGTGATCCT TCCAGCAGAG
25051 ACTCTCAAAG TGCCGGGATT GCAAGTGTGA GTCACCATGC CCGACGCCTG
25101 AGTTTACATA GTAGCTATGA AATAGTGACA GTACAGCGTT TATAAACACT
25151 AAGAAAGTAG AACTTGAGTT ACTTCGATTG TGTCATTTTA TGTGACCACG
25201 TGGGGTTTTT TACATCTAAC ATTTAAGATA GCAAAACAGA GTATGAAGCTG
25251 CAGGGTATGA TATTTTGTTT GGTAAGCTCA CATTTTAGTT TGGTAAATTT
25301 TTCCTAGATT CTTACAATTG AAATTCATTA ATAATTATTC ATTGTTTTAA
25351 AATTGAAGAC CAAGTCAAGA AAAGAAAATA TGACATTAGT GGTGTGATTT
25401 AGTAGGTGTT TATACCTTTG ATAGAGCATT GGTTTTGTTA AATTTCACTT
25451 ATTAGTTACT TGCCAATTAA TGACATAAAT ATTGTATCAG TCTGTAACCA
25501 AAGGATCAAA ATTCAAGTTG TTACATAGAT ATAAAAACCA TTGAATAAAT
25551 ACTTGTGCTT TATTCTCTTT TTTTGGACG ATAAAAATTT TTATTATTTT
25601 ATTTACTGGC ATGATTAGAT GCAGTTTTAT TTTTTTGTG TTTGAGACGG
25651 AGTCTCACTC TGTGTCCAG GCTGGAGTGC CATGTTGTGA TTTGGCTCA
25701 CTGCAACCTT TGCTCCTGG GTTCAAGCAA TTCTCCTGCC TCAGCCTCCC
25751 AAGTAACTGG GTTACCAGC ACCTGCCACC ATGCCAGCT AATTTTTGTA
25801 TTTTGTAGA GATGGGTTT CACCATGTTG GCCAGGCTGT TCTTGAAGCTC
25851 CTGACTTCAG GTGATCCACC CACCTCAGCC TCCCAGAGTG CTGGGATTAC
25901 AGGCATGAGT CACCATGCCT GGCTAGATG CAAGTTTAAAT AAAGACTATT
25951 TTTGCTGTTT GTTCTTTTTT TGGTCAATTT TATGTTCTTT ATAGTTATCA
26001 CTGAAAGAAA TTTTGCCACA TAGAGAAGGG GGCTGCTTAC AAAAAAATTT
26051 CTCTTGGTGT GAAACACACT GGGGACATCA CCACCCTCAG CCATCATCAC
26101 AAGATGCCCA GCCTTGACCC AGTCTGGACC CTCCTACTGT TTCTAACCTT
26151 TGAGTGCAGC TCCTCCCACC CCGTGTAGTT GTGTTTCTGT AGATGTAGCA
26201 CTGCGTCTTA TAAGCCCTCA GTTTCCTACT GTGTGAAGGG AAGGGCTTTA
26251 ATGAGAGTTT TCAACGTTT CCTCAATTCT GAAATCCTGT GGTGGAATGG
26301 ACCCTAAGCT GTGCTCTGAT CGTGGTGGGG AAAGTGTTTC CATTACCTGT
26351 TGGCTTGTTA TTACAGTGAC CGCAGCCCT GCTGTTTGA GTGTCTGAGG
26401 CAGGTGGGGC CCAGTTTCCT TTGGCAAAAG AAGAACTGG CAAGACATGG
26451 AGGTGGTCCA AGGATGTGGG GTCCGTTCCT TGTGTCTTTA GTGCCTGCAC
26501 GAGGAGCGAG GGACTTATTC CAGGTTTCCC TTTGTGCTTG GAAGGAAGAT
26551 GTATTCTCCA TAGGCTCCAA AATTCATTG TTTAGACATT TTAATTACAT
26601 TTTTGAATC TGTATTTTGA GCCTGTCCAA TTAGTCAGTT TGATAATAGC
26651 ATCAATCTCC TGTACAGCT TTCTTGGTCC ATTTGCTTGT GAATTTTGT
26701 TTACATGTTT TCATGTAAA CATAATTAC ATTTTGTAGT AAATTTAATT
26751 TTATGTAAA TAAAGTGAC CACACTGGTG GTAATGTGGC TGAATTTTTT
26801 ACTCTGGCCT TATGCTCATT AATTATTTCT GTCTTAACT TGGTGGTGAT
26851 GTTACTATTT TAGCCTTTCC TTTCTTTTGT CTCATGTTTG TGTATATGA
26901 CTACTCATAA CTTTGTTTTT AATTTTTTGA AGTTACATAA GAAAATCCCC
26951 ACAGAGATCC TTTTTCATTT GATGGGGCG CTTAAACCAT TTGTGTTGT
27001 AACTTTTTTG TAGGGCATT TTTGTTTTAT GCTTTTTATT TTTGCTTCCT
27051 TGGTGTTTTC TCAACTCTTT GGCTTAGTTG AGAAAGCTCA CTGTGGGATT
27101 ACTAAACATA TGCGGGAACC GGAAGTGAAG ACATCAGTTG TCATCACGTT
27151 GATCTTGCAG AGTCTGTGGA CATTCAAGTA GGTGTATCCA GAGAAGTTAA
27201 ATATGCTGGT CTAGACAGAG CTTGTGGTAG ACATCCAAGC TGGGGGTGAA
27251 TTTGATAACC ATTTGATGAG TACACTGGTG CTAATTTTCA CCATACATGG
27301 AAAAGATGGT TCAGTGCAAT GAATAAAGAC CAAAGGCAGA AAACCTCAGG
27351 GATGATCTCT GTTTCAGGGT CAGGAAAAGG AGTGTGGAGG GGAGGTGGCA
27401 CAGGAGCCCT GGGAGGTGTA GGGGCTAACC AGGAAAGGAG GGCTGCCAGT
27451 AGGTGAGCTC AGGTGCAATG TTTATTGATT TGGGCAAGAA GAAGAGAGAC
27501 TTCTTTATCA ATAGGGTGGA AAGAGCTTTG GGAGTCGGTT TGTGTGTGTG
27551 GGTGTCAAGG TGAATCACGT CCACTCTAAA GCTTCAGTTT ACTCCATGAA
27601 ATGGGGAGGA GGCAGAGTGC TCAAAGTGAA GGGGCTGGGG TAGGGCGGAG
27651 AGTTTGAGGA GAGAGAACGG TTGGAACAGC CAGGGTGGTG CATGGGGCAG
27701 GGAGCTGTCC AAGGTCTGTG GCACCAAGAA CCTAGGTGAC ATCAGAAAAC
27751 ACATGTGGGT CAATGTCTGT TAAGGGACCC ACTTAGAATT GCTGTGTTGA
27801 ATAAATGTACT TCCGTTTCTT AATCCTTTGG TGATTAAAAA AATTACAAGG
27851 AAAAGATCAG TCTGGGTCTG CTGCATTTAA TTGTGTGTAT AGTAGATGTA
27901 ATCTCCAAGG TGGGCGGTGG GGGTAGTTGG AGGGATCGCT TTGACCTTTC
27951 TGCCACTGCA GAGACTCCTG CTGCCAATAT TGAAACAATC ATAAATATCT
28001 TATTAGGTTT CCTGGGAACA AAGCCATGCT GCAAAGGTA TGAAAGCCTG
28051 TTTGGCAGGG ATGAAGGTAG GAAGGATTAT ATGAAAAGAG AGGAGACTGT
28101 GGGGACACAG CCCGCTTTTC TGTGTTTGG CCTGCTTGTG TGTTTTTATG
28151 AGGGGACAGG TCTGTGGTAT CTGCATCTAT ATTTAGAAG CGCGTGTCTG
28201 TTGTTCTGAT ATTCACAGGG CCTTCATCTG TGTTTAAAAA ACTGAAAACA
28251 TAAGGATAAA AACTGATTTG AAGCTTCTGA CATTTTATA ATTGTTTCA
28301 AACACAGTTA ACAGCATCTT CCCTTTTACT GTTTTGGACA CCTTCTGTCC
28351 GAATCCTTCT AGCTGTGAGC GAATTCGACT TTGTAATGAT TTCTTTTTC

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28401 ACAGTGATGT CAGCAAAATC ACACAGACCT AGGGGTCCAG CCCGGGAGCT
28451 TTGCAATGTC CTCTAGTTC CCTAGAGGCC CTCTGCTGGC TAGCAGCCCT
28501 TGGGTGACAG CTTGCTTTTC TTTTCACATC TCTTGCCCTCT CAAATCTGTT
28551 TAAGATTCTG CTCTCTAAAC TGTCTGAATT AGGTGTCTCC GCAGATTTCC
28601 CTGTGGCCAG CTACCTCCCC AAACCAAAAC ACCTAATGTA AGCCACCTT
28651 GGTGTGTGTT CCTGAGCACG TTGAGGACAT TTGGGCAAAAC ACAACAAGAA
28701 CAGGAAGTCG ACAACGTTCC AGTTATAACC TCCTGCTGCT GCCCTTCCAG
28751 GGTGGGGCTG GGCTTCTTCC AACCCTTTT ACCACCTGTC TTTGTTCCAGG
28801 AAAGGCCAGA GTGTGCCATT GCCTTGGAAG TGGCCTGTGT AAGAGGCTGA
28851 GAAGGGGTTT GAATGAGTCC AAGAAGCAGC AGGATTGGAT CTGGAAGGGT
28901 TGATGAGGAC TGGGTGAGGT GTGTGGGGT TGTGAGTCTT GTGTGGGCGA
28951 GAGCTGGAAA GCACAGATGG AGGTGGAAGG ACCCTTCCTT ACCTTTTCTC
29001 TGCTCTCTCT TCCTACCTAT TTGGTTTTTT GGTGTGATTT TTGCTTTTTA
29051 AGAGACAGAG TCTTGCTCTG TTACCCAGGC TGGAGTGCAG TGGCATGATC
29101 GTAGCTCATT GCAGGCTCCA ACTCCTGGCT TCAAGCCCTC CTCCTGCTTC
29151 AGCCTCCCAA GAAGCTGGGA CCACAGGCAT GCACCATGCA TGCCTTGCTT
29201 TTTTTTTTTT TTTTTTTTTT AAGAGATGGG GTCTCACTAT GTTGCTCAGT
29251 CTGGTCTCGA ACTCCTGACT TCAGGAGATC CTCTTGCCCTT GGCCTCTGAA
29301 AGTGCTGGGA TTACAGACAT GAGCCACTGC TCTAGACCCC TGTCTGTTTT
29351 TATAGCTTAA AGTCACTTTT ATACTTCCCA TGGCTGTGTT CTGACAGTTT
29401 CATACTGTGT ATACCTTGAT CTGAGCTGTA CACCTCAAGC TGCTTGGTTC
29451 GAATATATTT CATCTTTCTG GATTAAACC CTTTGAACAA AGAGAACAGG
29501 ATTCTTGCTC ATCTTTATAC AGGCAGCACT AACTGAGCAG TTTATCCACC
29551 AGAACTCTCA TCACCAGGGC TCATGCACAT TCAGGCTGTA TGCTCCAACA
29601 CTAGATGTTT CCCGTGAAAC ACCCGAGGGT AACCTGGCTG TATTGTCTGA
29651 CTCTTTTGAA AGGTGCTGTC CTGTGGAAGG AGTGAGGGTG TGGGCTTTCT
29701 TTGCTTGACT GTTTTACCAA GTTTAATTGT AGGAAGCCAT TCCTACAAT
29751 GATGACTTTA TGTAATTATG TAATTAATAA GAATCATTTG TGAAGAGGAG
29801 ACTGAGTGGG AGAAAAAGGA TTGGGAGCAT CTGGGCACAT GGAAGCAGCT
29851 CTGGGGAAC TGAGAGTCTC ACACCCCTGG CTCATGTGCC ACCTCCAGCT
29901 TGGATGTTAG ACCACCTGAT CATTTTCTTA TTGCGTCTGG CTTATTTTGA
29951 ACCCTTGCTA GAAATCTACA TTGAAGAGGA GAGAATACTT TTTTCTTTT
30001 CACATTATAG TTAATTGCTG AAAGAAACAG TTTAGGAAAT CTGAAAAAAA
30051 TAAATAGTGA CTAAATCTAA ATGGACCTCA ATTTCCCTAC TGGCAAAAAG
30101 GAGTGGATAT TTGAAGGCTA AATAAATGAT GCAAAAAAAC AAAATACATG
30151 TGAACAAACA CATGATGAGC ATAGTGCCCA GAACACTCGG GGTTTTCAGG
30201 AAATGTTGTT TTCCTTATCA TCAGTAAATT GGAAGGTAAC AGAGCTTGAT
30251 GATTATCAGG TGCTCTGATC TCTAATAGCC CAGGATTTTA AAAAAAGTCC
30301 TATTACTTAA GAGGAACAAT TTGTTCTCTT AGAGAGGCAC AGGTGGAGTT
30351 GACCTTTGTA TGCAGGTCAC ATTTTGGATT AATGCATTGC TGTGCTTTTG
30401 TACTAGAGTA TTTAATATTC TTATTAATAA ATCAGGAGGA AATGGGAAAT
30451 CTCAATATTA TAATCTGCTT GTGTGGGTTG ATGTGTTAAT TCAGCCCTTT
30501 GGATGTAAGG CTGCTCTGGG CACGGCTTAT GTTTGGCTGG CACAGTGTG
30551 AAGTGTGAG ACCATCGTGC TAATGAGACC AAGGTGCAGG GTCTGACTCC
30601 CTCGGCAGGC TCGGGGGCCC TCAGAGGACC AGTCACCTCC TGCAGGTGTG
30651 TGTCTTTCAT GTGAGCAGGT GGTGGGGTGT CCACAATATG TGAAGTATCA
30701 TGATCAACAC AGGTAAATCA CCTGATTGGA GAAATCTTT GAAGTTTGAG
30751 GTGGGCCATT AGTAGTATCA AAAACAGAAG GAATATTATG TGTGATTAAA
30801 GTCGTGAAAG GAGCTATTAT TTCTGTGAAA TTTGTAGGCT TCATATTTTA
30851 CTCTAACACA TTTTAGACTG AGTTAAACAC AGAGTAGTTT TTAGGTTTAA
30901 TTTAACCATT CAAAAGAATG GTTAGTTTTA GGACTGATG CCTATTAAAT
30951 TACTGACGAT TAAGGGAAAT CAAAAGTTTA ATAGCTGAAT GAAAATTGAG
31001 TTTGCACTAT CTAATTTGGT TTAGATAATA CTTTTTCAGA TTTCAGGGGA
31051 AAATAAAGGC TGTTTTAATG TATGAATGCA CATGAATGTT TATTTGATTC
31101 TGCAGTGTTA GTTTATTTTT CCATTAATGG GAGAATTTGA AGGTGTGTTA
31151 AGCCAACCTA AGCAAAATATC TATCATTTAG ACCACTGCTT TTTCCTAGTC
31201 TATCTCCCCT CTGAAAATA ACTATTTAAA AATAGGATTT TCAGCCGGGC
31251 ACGGTGGCTC ATGCCTGTAA TCCCAGCCAG CACTTTGGGA GGCCGAGGCA
31301 GCGGATCAT GAGGTCAGGA GATGGAGACC ATCTGGCTAA TACGGTGAAA
31351 CCCTGTCTCT ACTAAAAATA AAAAAATAAA AAAATTAGCT GGGTGTGGGG
31401 GCAGGCACCT GTAGTCCCAG CTACTCGGGG GGCTGAGGCA GGAGAATGGC
31451 ATGAACCTGG GAGGCAGAGG TTGCAGTGAG CCGAGATCGC GCCACTGCAC
31501 TCCAGCCTGG GCAACCGAGA GAGATTCCGT CTCAAATAAT AATAATAATA
31551 ATAATAAAG CAAGATTTTC ATTGTCTAGT ACTGTTCAT TATAATTGTT
31601 GCCTGTTTCA CCTGATCCAT ATGCTGTATA CCCATACATG TGGACACACG
31651 TGCTCCGGAT ATGAGTTGAA AATTTTGGGC ACCCAATACG GGGCAGGTGT
31701 CATGCTCATT GTTAGGATTT AATGSTCAAT AGGTGAGAC TTGCAGTGCT
31751 GGAGAGATAA ACAGGTGCTC ATACTATGAA TGGTGCATAT TTGTGAGGAA
31801 AACATCAGTA TCAAGGCAGC AAATACAGCA GCAATATTTG TGTGCCTGCT
31851 TGGATTTTCA GATAGTGGAT TCTCACTAAT AGAATTTGAT ATTTACCTT
31901 TAAATTTCT CATCATAGAA ATAAATCAGT AAGCTCTGCC TTATAAAGG

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31951 ACTCGAGTCC TTCCATGATC ACCCATTTCTA CAGAATGCTT GTTTACATAT
32001 GCACATCTAT TTCTGGTTAT CATTAAATCT CCAATGATGC TGCAGATTCA
32051 GTCTCTCAGA CATGGAGTCT ACCTTTGTCT TGTACTGAT GATGTGCTTA
32101 ACAGGTAAGC TGATCTTTTT GGTTCATAGAA TTGGCCAATG TGGATAATCC
32151 TGTTAATACC CTACCTCGGC CAAGCTCAGA GGATGATATT AGATAGCATG
32201 AATCTAGTCT GAAAAGTTTT TCTAACACCC TGCAGATGTG TTCAAGTCAA
32251 AATTGAAGGT AGGGGTTTAA ATAATATTAG GAAGAGCTAA CATTTGTTGA
32301 GAACATACTA TGTCCTCGAT GCCGTTATAA ACATTTTATT TCTGTAACT
32351 CAATGTTTGA CTTCCATTTT GCAGATGATG AAAGTGAGGC ATGGACTGAT
32401 TAAATAACAA GCCTGGGGCT CATGGCAGAC CCAGGAGTGC AGTGGCAGAG
32451 CTCATGCTTT TAGCCACTGT GCTTCATCTT CGGTGGCAGG ATACTGAGTC
32501 CTGTACCCAG AGACTGTTTA TATACAGAGT AGTGCTAACG TGTGTTCTA
32551 ATCAGTACAT AGGAGGAAAT GGACACTTCG GTTAAGGAAA GTAAACCTGA
32601 GATTCCCTTAT ATTTGACAAT AAAATAGAAT CTCCATGTGG CAGGGGATAA
32651 CTGGCCCAA GATCCATTCT CTATCCTGCG CCAATTGTTG CCTATATATC
32701 TGGCCTAATT ACCTGTTAGT ACTCCCTCAG GCCAACTATG GGCCAGACC
32751 CTAGTGATATA GTAACCTCA CTAAATTGAG TGCAGCATTT AAGGAAGACT
32801 TGGCAAAGGT GAATGTGTTA CTCACAGAAA CAAACCTAGA GGGAGATGAG
32851 TCTTGAGTGT GACTTGCAGG TAGAGCTATA TATAAGACCC TACTTCACAA
32901 ATAATGCCTA GTTCTGAATC TGTATCCGGT GGAATGTTTC AGAACATGAG
32951 ATTTGGAGCC AGACGCACTT GGCCCTGATA ACACAGACAC CTTGGTGAAC
33001 CACGTGTTGT CATGTTTGGG GGGTTGAATC TTGGTTTACG TATTGCCTAG
33051 CTATGTGAGC CTGGGCCAGT CAACACCTTC TTCGAGAGCG TTTCCACCTC
33101 TGTAAGTTGG TGCTCATCTA GCAGATTTGT TTAAAGGTCA ATTGCCCTGAC
33151 ATATATTAAT TACCAGGTTG GATGCCAATA ATTTCTTGT GGGGACATCA
33201 TATTTCTATTC ATTCAGGAAT GGTGTGGCTA TTATCTCAAA CTCCTGCCAA
33251 CACACGTACT GGTCTCCTC TCCAGTGTAC TATTTTATTT AATATTTGTG
33301 GAGTACTTAC CTGAGCTGGT TCAGTTAGGA AAACAGACAG TAAACACAAG
33351 AACTAGATAA CTTTCAGATTA TAAGGGCTGT TAAATAAAC AGGAGACATA
33401 AGGAAAAGTT GGGATAGGGT AGGGGAAGAC CAACGGGCAA CTCACTGTGG
33451 AAGTGATGAT TGTGTTAAGG TGTGAGAAAC GGGAGGTAGA GCAGGGTGGG
33501 AGGAAGATAC CAGGCAGAGA AGACAGCAAG GGCAGAGGAC AGCTATGCTA
33551 CCCTCTAGTC CTAGGGTAGC ACAGCTGAAA CTCCCCAAAC ATGACAACCC
33601 CATGGTTCAG CAAGGCGTGT GTGTCATGGG GGAAGAGTAG ATTATTTCTT
33651 CATAAATCTT TCATTTTATA GTTATCAAAG TGCCCTCCAT AAATGTATTG
33701 CCTGCTCCCT TCTTATCTTG AAGTATGGTA CAGATCACTA AGATTCCTGT
33751 TTCCCTGGAC TTGGAAGGAA GGCACAATAG GGTGAGCGAG GTGCCACACA
33801 AGTTATTAGA AACTGCTGGG GAGAGAGGGC TCTTGTTTGC CCTAGAGAA
33851 TCAAGGGAAC TCAATTATGT TATTGTAGAG CTTTCTGAA GGTGTAATTG
33901 AAATATTCAG GTGTAACATC ATAGGATATG CAGGTAAGAT TTGTCTCATT
33951 AAAATAACAC CTTTAACTT ACTAAAGGTT TTAATGTCT TAGTCAATTA
34001 AAACAATGCA TTAGTGTTAC ACTGCAGACA GGGATTATCT CCATAATATT
34051 GTGTGGAGTG CTCATACAGT GTTAGAGAAA TGAACATAAG TGAAATGAAA
34101 TTAAGCAGA ATATAAAGAC CATGAGAGTA ATAACAGTGG TAACTTGAGG
34151 CCCAATATAT AATTTTTTTT TTGAGACAGG GTCTCACTCT GTTGCCAGT
34201 CTGGAGTGCA GTGGTGCGAT CTTGGCTTAC CGCAACCTCC ACGGCTCAGG
34251 TGATCCTCCC ACCTCAGCCT CAGTGTAGC TGGGACCACA GGCATGCATC
34301 ACCACACTCG ACTAATTTT TTTGTCTTTT TTGTAGAGGT GGGGTTTTGC
34351 CACATTGCAC CAGCTGTTCT CCTGGACTCA AGTGATCCAC CTGCCCTAGC
34401 CTCTCAAAGT GCTGGGATTA CAGGCGTGAG CCACCTGGCA CCGATATATA
34451 TAATTTTAA TTAATACTT TTTGTGTATT TTTACATTTT TGAGGCATGT
34501 AAATATATTA CCTGTGCATT TTTTATTTT TACGCCCTAT GTATTTTTTC
34551 ACTTTTGAAA AACTAACTT GAATGCCTAT CTTCTTCAAC CCATGTTTGT
34601 ATTTCTTTGA CATACTTGAC TCCTACTCGA TGATGTGATA CTATTTTAGA
34651 AGTATGGTTG GGCAGAAAGG GGGAGGCATG AAAGAGATGC AGAAGTCATG
34701 TGTTTAAAAA TGTACCTGGG ATTCGTTTTA ATCGAGTATG GTAAGACCTG
34751 CAGACACAGA AAGGAGCATC ATCAAGAAGT TTGTACTCAC AGTTCCCTAG
34801 AAACAGGAGG CTGGCACACC ACCCAGGGCC ACACATAGAA GCTCCAGGTG
34851 GCTTAGGAAG CGTGGACAGT GGCCTTCCCT CTGGTTTCCA TGAGAAGGGC
34901 AAGGCGGGAT GAGCAGGTTT AGAATTGGCT GATATGGATA ATTTCACTGA
34951 GCTCTGGACA TAAGGGCTGC TCTGGTTGTC TGGCATCTGG CTCTGGAATG
35001 ATCAGGGCAG GCTTGATGAG TGAGAGTTTC CTAAGGGAGG CAGCTGGGAG
35051 GCACAGCACA GACTGGAATG TTTGGTTTGC ATGTGAAAGA CATATTTCCCT
35101 GGCAGTTTGT TTTGCTATTG TAGGAATTAG CCCTAGAAGG GGCAATCCCC
35151 TCCCAGGGTC AGTGAAGCCC CAGGGGCCAG AGCGTTAGGG TACAGAAAAT
35201 AAGAAAACAT AGTTATTACA CTATAATATG TTATGGGAAG TCTTCTGTTA
35251 TTTATAATCA AATGGAGACA AGACACACAT CCATGGTTAA CTGTAAATGG
35301 AAGGTAGCAT AAAGCTCAAT GCTGAAGGGC GAGGTAATTT TCCCAGACTT
35351 CAGGAAGGG AGCGTTTGTG CTCTGGGACT CTGAGGAGAT GTCTTAGTGG
35401 ATGGTAGAAC AGTCCAGATT TTCCAGAAAG GAGTAGGACT AGAAGAAAGG
35451 AGGGTGAGTT CAGGACACAG AAAGACATGC GTGTCTGAAG CAGAGGTTTG

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35501 CACTGGAGGG GGAGCAACCA TTGGAAAGAC ATGCGTGGAA GCAAATGTTG
35551 AACCCCTTAA TTACAGGCTG GGGAGCTCAA GAAAGGCATT GTGAATTTAT
35601 TAACAATGCA AGTTCAGATC CCATACCGTG GCTTCACTTC CTAACCTGTG
35651 TAGTTAGAAA GCAACCCCTCT GAAGTAATGT CAAGTGCCTC AAAAATAAAT
35701 TCTCAAATGC TGGCTATGAT TTGGATCACG GGGTGTTTTT AAACATGCTG
35751 TGTGGCATGT CAGACAGCAG TCATGTGTCA TTGTGGATAG ATTCAGGCAA
35801 TTAGGAGGTG TGATGTGGTG AGGATTCCA ATAAGCCATG ATGGCACTGG
35851 CAATGAAAAA GGAGAAATAA ACGGGAGCTA TTTGGCTACA TAGTTTAATT
35901 CAGATAAATC CTCATTGAGC CTCATTATAA CCTCATCATC ATGTCATTGG
35951 GAAAAATGAAT TTACTGTCAA GTATTGAAGC TTAGAATGCT GCCAGTGGGC
36001 GTGTGTTGGT TTTTCTGTGG AGGGTGTCCC TTATTGTCTA CTAATCCCA
36051 CAGGGGACTA GAACCCAATG AAAGTGATTG AGAATCTGGG GTAGGGCAGA
36101 CAGGAATGTG AAGCATGCCT CTGTCACTTG CTTTTTGGGT GATACAGGGC
36151 AAGTTAACTT TTTAAGCTGC TAATAGTAAG CTACAAATAG TAACTGCTAT
36201 GATAATATTC AGAAGAACAG TGGTAGCGGG TGGATCCTCT ACCTAGAACA
36251 CTGACGAATT CACTCCTACT TGTCTTTGG ACTCAGATGT GACTGTGTGT
36301 GCGTGTCTGA TCACCTGCTT GTTATGGCTG TTGTACTTGG CACTGCACGA
36351 TGTCAATGGC TGTGTGCCAT GCTCTAGACT CACACACCTG GAGGCTGGCA
36401 TTGTGTGGGT TCTGGTTTCT AGTACAATTG TGTGTAGGTA TAGTGGGTGT
36451 TTCATGGATG TTTGTTTGGT ATGCATTTTA AGAGGCATTG TCAAACCTGA
36501 GTGGTGGTTT TGTTTATTAG CTTGAGAAGA GACCAGTTGG GGAAGACTTG
36551 ACCAACTTTT TGGGCATTGA GAGCTGTCCA GCCGAGAGTG CTGTCAATGA
36601 GGTGTCCAAG CGGGGCGAGA ATGTCCAGGA CTAGGCGGGT GGGATCAGTG
36651 TGCTGCCTGG GTGGAAACGC CTCTCTGATA TTGGGTCTAG AAGAGACACG
36701 AGCTGCCACC TGGCTTCACT CCTCACCCCT CACTGTATAG TTCAAACAGG
36751 GACTTACGCA AAGTTGTGTG ATGAGTTGGT GACTGTCTGT TGCCCTGTGC
36801 AGCATCGAGA CCGAGTCCAA GGCTCCTTCT GTGGAATGG GTACTGGTTG
36851 AGAAGAAATC AATGACATAC GCAAACAGAG TAGCCTATTA GAGAGCCGAA
36901 TGAAGAGGGA AGTAACCTTA CTGTTTGTGA GGTGGAAG GGTGGTCGGC
36951 ATGCTGACAA GTAATGACGC CATGAAGCAG CGTTCATACA GAACTTTCCA
37001 GCTGCAGGAG TGTGTCTGAG ATGGGAATTT GCGTCTAGG TGAGACGCTT
37051 GGCAGTGGTG CTACCCCTGG GCATTTGGAG GATCCAAATC CACAAGAACT
37101 CAGCCTCCAT TTGCACATGG GGCCAGGACA AGACCTCATG TGCTCAGTAG
37151 AAAGAAATAA CTCCCTCTTG GAAGGAGTAA GATGTTGGAA AAATAATTAA
37201 AACTCTGTGA TATTTTCTCT TGTGGATCTT TCAGAGTTTG ATTAGGTGCC
37251 ATAACCTGTA TGCTGAAAAG GATAGTCATA CAGTCAATTG TGAAGAAAAT
37301 TAAGGTCTCT GGGTTAAAAA AACAAGCCAC AGGATAAAGC CTGAATCCTT
37351 AATGGCAAGT TTGGTGTGGC ATGTGACTCT GAGCCTGTTG CCGGCATTTG
37401 GTAGGTAGAG GCATAAAGAT GTGTGTGCGC ACACACTGGG TGCAAGATAG
37451 CAGCTCAGAG CCAAACAAGG TATGTAGATC TTAAAAAA ACTTCTCCAG
37501 TAGGATTTGG AGATTGTCTT TTGCTAATGG TTATCCAAAT GTTTACAAGC
37551 ACTGTGAAGT AACATTCTAT GTCTGAATC CTGAGCTGC AAGAGGTGAT
37601 TCTGTCTATG GCATGGGTAT GCAATGCACT GGAGAGCATG TTGGAAGGAA
37651 TCCAGTGGTG GATTGCAGTC CACTTCCCTC TGCCCTACTC CAGTGGAAAG
37701 TTGCTCATTG GTATTTTGTG GCTCCACTAC CCTGCTACCT CAGTCCAGTT
37751 TTGCATTGAA TACCGTCAGT ATTCAGTATT GTCTATATAA ATGGTATGAG
37801 GATTAGATAT TATATTGATA GAATTATTG TGGATTGGTA ATTGGTATAA
37851 GATTTTGAAG AGATAGAAGT GATTGGTATC CTATTATTTT AAAATCCTTT
37901 TTCATCTAAC ATCTATTTCT TATGTTTTTT TCAGAAGTTG TGGTTAGAAG
37951 ATTATTTTAT GAGAATAATT TTTAAAAATC TTTCCCTTCC TTTTTTTTTT
38001 TTTTTTTTTT TAAAAAGTAT ACAGTGCGGC CGGCGCGGGT GGCTCACGCC
38051 TGTAAATCCA GCACCTTGGG AGGCCGAGGC GGGTGGATCA TGAGGTCAGG
38101 AGATCGAGAC CATCTGGCTT AACAAGGTGA AACCCCGTCT CTAATAAAAA
38151 TACAAAAAAT TAGCCGGGCG TGGTGGCGGG CGCCTGTAGT CCCAGCTACT
38201 CGGGAGGCTG AGGCAGGAGA ATGGCGTGAA CCCGGGAAGC GGAGCTTGCA
38251 GTGAGCCGAG ATTGCGCCAC TGCAGTCCGC AGTCCGGCCT GGGCGACAGA
38301 GCGAGACTCC GTCTCAAAAA AAAAAAAAAA AAAAAAAG TATCCAGTGC
38351 TCAGACAGAG TCACCTTATA GTGTGATGGG AAAGGTCACA TGTAATAATC
38401 TATGGTCTCT TTGCTAGTAA GTGCATGCC CTAACCAGG CTATTGTTCT
38451 CATTACTTCT AAATCTTTC TTTGGTCACT GGGCTTGAGG CCATCGGACG
38501 CTATTAACCT CGGTTTGTAT TCTCAGAATT GTATTTTTTT AGTGAGAATT
38551 TACAGTTATT GTTTAGTTGT TGGGGAAATT ACTGCTCTTA CCCATCTTCC
38601 TCTTTCTTAT GTGAGATATC TTGATAGCAA TCACCTTACC AAAAATAGTG
38651 TATGTGTTGG TTTTGAATTT ATTGGATTGA ATGGGTCTGA AATGTGCTTG
38701 ACTCCAGTCT CAAGTTTGTCT GATGATAAAA CTTCTATTAG ATTTGTTAAG
38751 TAGGATTTGT TTTTTCGGCG GGGCGGGGGG GGGTGGTGGT CACAATCAT
38801 TGGAATGCCG TGTAATCAG TCTCTCTCTC TCTCTCAAGA GATCTATTGA
38851 CATATACCTT TCATTCTTCC AGTTTCTTTT CTCAAAACCA CATAAACCCC
38901 CTTGATTTAT TTTTCTTTT ATAAGACCAT TATTTCTTTT CTGCTTTTTC
38951 ATATAACCTT AATGTCTGAT ATTAGTTTTA AAGTCTGATT AGTAAATCA
39001 TTTTGTGTTT TACAACTGTT ATACGTGTTA AAGTCACCTT CACACGTATA

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39051 ATTTAACCTC GTAGACTTCT TAAACACAA CCTGATATAA GTGCCTTCAC
39101 TTTTATCAC ATCTCAGCC CTTTATATTT TTTGTTCTCA GTGTATCTGA
39151 CCTAGAGACT CTATCTCTCT AGAGATATTA TAGTCCAAA TCTGTATCCA
39201 GAAAGACGTA CACATCCCTG TTTGCTCCG CAGGTCTGGA CATTACCAGG
39251 AGAGCTGCT CACTTATTC CTTTCAAAA CTGTTGCCAA CTGGCTAGCA
39301 TGTTGATGGC TCTACATAAC TTATTATTAT TATATACAAT ATATGCTATA
39351 TCATATCTTA TGATAATATC AAATATCATT AACAGGTAT TATTAATATC
39401 CGACATATTC TTGCCTTCCT TTATATTCTC CTATACAGGC ATTCTTTCTT
39451 GCTCTAGAAT TATAAATTAA CTGCAACTTC ACAAGACCCG CGATAGAGAA
39501 AGGAAAATGA TGGCCTCCAC TGCAGAGTGT AGAGCTAGAG GTGTGAAAAG
39551 GTCAGCAGC TTCTCCAAGC TGACGCTGGG ATTACAAACC AGCTTTCTGT
39601 GTTCCCGACC AGGCTTTGGT TATTCTGAGG AAATTGGATC TAACAAGTGT
39651 TTGGTTACAG CTTCTATATA AGGACAGTTA CGTTTAGCTT TGTGAAAAT
39701 CCAATTTTAT ATTTCTCCTA GATAATACCG AATGATGAGA GAGCTCTTCC
39751 GCTCTCCCTG CTGAAAGTTG TTGATTTTCT AATTGAGCAG GGCTCAATTG
39801 AGGGGAGCTG ACAGATTTT AGCTCCTGAT TCTAGGTCAT TTCTATGGAT
39851 GCTATAATGG GTACATGCTT TTTTGTGCAT GCCTCAGACA CAAACCATTA
39901 ATATTCTGCT TCTTTCCTAT TTATGCAAGG TATAGAATAG TCCCAGTTTG
39951 ACTCCCTTAC AAAGGTGGAT TGGGGCCAAA TGTACCATCT GGCTGGCCTC
40001 CAATATGGAA ACCAGGAGGC CACGTCTTGG ACATTGCGT ATTTCAGAAA
40051 AAGTCATCAA GGCAGATATT GCCCACCAGT TTTGTTCCAG ATGTACCCAT
40101 TTGGAACCC TTGAAACCAG AAACATTCAT GAGATAGAGT TCTGGCCAAT
40151 GAGACGGGAG CTGAGGGCAT CTGAGGAAGC CCCACTTCCC GGATCGAGGT
40201 GCCCAGTTCT CTGTTTCTCC TCGTGTGGAA CACGGCTGTG GATCTGAAGA
40251 GGAGCAGCAT CTGTGACACT GTGACACTAT AATCCCAAAG GGCTGGGATT
40301 ATAGGTGTGA GCCACCATGC CTGGCCTGAA GGTATTTTAA TACAATATTT
40351 TAAATAATTT TGTACATGAA ACAAAGTTTG TGTACATTGA ACCATCAGAA
40401 AGCAGAGGTG TCATGTCAGT GCTCAAAAAG GTTTGGATTT TAGAGCATTT
40451 CAAATTTTCA ATTTTCGGAT TAGGGATATT TAACCTGTGT GTGTATATAT
40501 ACAGTACAGT ACATATATAT ATATATATAT CTCCTTATTT TACATATAAA
40551 ACTTATAAAT AAGAACTAA ATCATGTGTG TGTNNNNNNN NNNNNNNNNN
40601 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40651 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40701 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40751 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40801 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40851 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40901 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
40951 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41251 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41351 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
41401 ACAGATTGTA CACTTGGGT AGACATGAAT AGAGAAAATC TTGTTAGAGA
41451 AGATGACCCC TTGGGCTATT GGCTCAGAAA AGGAGAAGGA TGTGGTTTGA
41501 TGAAAAGAG AAAGAAAGAT GTTCTAGGAA TTTGGCAGAG GATGAAAGGA
41551 AGCAAGAGAA CTTAATAAGA GCAAATACGT TTTAGAATAA AGTGATTTC
41601 ATTTAAAGGG GAAGAACTGG ACTCTTCGAT TTCCCTGTGG GGTGAGTTTT
41651 AGGGTAAAGA CTCTGTGCT GAAAGCCAGC CTGCTCATCT CAAAGGAATA
41701 CATACAAATG TTGCACTCTG AGTGCTGTAC TCATGTTTGT TTCTTGTTAG
41751 ACTCTTATGG GGCAGATGAC AGTTTCCCCT TCTTTTATCC ATGATCTAGG
41801 TGTCAATTGC CGCTGGCAAA AGGAAGTGAT AGTGGGGAGT GATATCAGAT
41851 ATGAGTAGTT ACTAGCTCTT TTGTGGTGGA AGCAGTATAG AAACAACTG
41901 GGTCTTTAGT CTGATTTTCT GTTCTAAAAA AAAGCTCCTT ATGTATGACC
41951 AGTCCTAAAC TTAGCTAAAA TAATCAGCTG TCCCTTGACA GTTATATCTG
42001 GATACTACTT TTTTATATTA AAGTATTATT AAAACAACAC ATGTAGGTAG
42051 CTAAAAGTTG AAAGAGTTTA GAAGTGCTTA TCATGAAAAT CAATAATCTC
42101 CTGCCCTCTC TCCCATCCCA GTCCTGTTC ACCAAAGGCA ACCACTTTGA
42151 ACTCTTTGTG TTTTAAATTC TTTGGAGGTT TCTACCATAT TTCAAATTA
42201 AGTTTAGAAA TGTGGTTTTC TCTACATTGT GAAATACAGT TTAGAAATGA
42251 TCTCTCTGAA CTCTCTTATA GATGCAGATT TCAGTTAATT ACCTCAGGTC
42301 CAAGTAGTGA GGCAGGTAT CATGTTTGCC TCTTTTCTAG TATAACTTGC
42351 TTTTCTGCC TTGTTCTTCT CCTTAAACAA TTTTTTTTGT CATTTTAATT
42401 TTTATCTTTT CCATCAGATC AATACACATT TATATTATAA CCTCTCTATA
42451 TATTTTAAAA TAAATATCCC AGAATAATCT CTTGGTTTTA CCCCTTCCCC
42501 TCCACACCTC GCCATCTTCT TGCCAGATAA ACTGGCTGCC CTGTAGATGT
42551 GTTGCTGTAA AGTGGTCATC CCAGAACTTT CTCACTGCTT TCTTGAGTTG

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42601 TATTCCCTGA TATTTAGACA CTGTCAGGGA GTGGGGTGGG GGGTTGCTTT
42651 CTTGATTACT GTTTTGATT GTTGAAGAAC ATCTTGCAGT AACAGGCTTC
42701 CTAGCAAAAG CTTATGTGAA AAGTAGATGT GAGTGTCTGA TAGCTTGGCT
42751 GGGTATAGAA ATCTAAAGTG TCAGTTTAGA GGTCTGTGTT GCTATTAAAG
42801 GGCTCAATTT CATCTTCATT TTTTTCTTCT TTATAAATAG GCTCTTTTAA
42851 ATATCTTTAT GGTTTAGAAA TAGCATTCTA TAATGAAAAA TATTTAGTAT
42901 TCTATAATGA AAAATTTTGG TATGTGTCTC ATTGTTGTGG GTACTTCGTG
42951 TACCCCTTCA ATCAGAAAATC TTTGTTCTTA GAGTCTAGC AACCTCTCTC
43001 GTATAACTTG TTAATATTAT CTTTCTCTGG TTTCTGTGGA ACTCTTTTTT
43051 TTTTTTTTAT TGATCATCT TGGGTGTTTC TCGCAGAGGG GGATTTGCCA
43101 GGGTCATAGG ACAATAGTGG AGGGAAGGTC AGCAGATAAA CAAGTGAACA
43151 AAGGTCTCTA GTTTTCCTAG GCAGAGGACC CTGCGGCCTT CCGCAGTGTT
43201 TGTGCCCTTG GGTACTTGAG ATTAGGGAGT GGTGATGACT CTTAAGGAGC
43251 ATGCTGCCTT CAAGCATCTG TTTAACAAAG CACATCTTGC ACCGCCCTTA
43301 ATCCATTTAA CCTTGAGTGG ACACAGCACA TGTTTCAGAG AGCACAGGGT
43351 TGGGGGTAAG GTCACANNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
43401 NNNNNNNNNN NNNNNNTTTC CAATGTCCAG TACCTCTTTG TATGTCAAAG
43451 GTGCCATTAA AAACCTTGATA TACAAATGAG TAGTCTAGTA AACTACTAAA
43501 TGTAACCTAC ATAATATAAA ATAGTAGTTA ACAGTACAAT TCCAAGTAGG
43551 CTTTGCAAAAG GGACGCTGGA AAGATCAACA AACCAGTGGG AAAATGGGCA
43601 AAGTATATGA GGAGATGATA TGGCTCAGAA ATGTATGAAA ATATATTTAA
43651 CTTGATTAGC AGTCAAGGAA ATGCAAAATTA ATGTGACAGT GATGTCTTAC
43701 TTGACATAAG ACAGTACTGT AAAAAAAAC TGTTAATATC TGTTGCTGGC
43751 AGGAATATGC ATGCAAAATA TACACCAACA CATTGCTGGT AGGAATGTGA
43801 AGTTTGAAAA TCCTTTTAGC ATGTTGTCTA CTATATATTA AAATTTATGC
43851 TCCTCTAGGA ACAGAAACAA GACATTAGGT AGGAACCTTAG GAAATCTGAA
43901 TGCAGTGGCG ACTTTAGTTT AATTTTAAAC AACCATATGA CCTCAGACT
43951 CATTAAATTC ACTTCAGGCA ATCGATCTCC TAGAATTAAT CTCACCAGTA
44001 TTCATGGACA TATGAACATG GGTCTTTATT GTGACGTGTC TCATAACATA
44051 CAAAGCCTGG AAATAAAGTA AATGCTCATC ATAGAAGAAT GGCTGAATAA
44101 ATTATGGAAA ATTATATCAC CATTAAAAAG GATGAATTAG AATTATACAA
44151 TTGACTTGCA AGGATTTTGC AATATTATTG AGAAAGAAAA AAATTCAGAA
44201 AATGGCATAA TGTCTCATA TGTGGAAC TGGCAACCC TCTGATTATG
44251 TGTGAATACG TGTGTTGAGA CATCTATGTA AGATTGTATA AACTTGGAGA
44301 AAAGATGGAA ACGTATATAG GTTGTTATTA AAATAACCAT GTGTAAATCA
44351 CTTACATATT TGTATTAGAT GATGCATATA TCCACAGAAG CAGATTTTCT
44401 GGGAGCTAAT GGTATTTACG CTTCAGAAATG TCTGCCCCAG GGCCCCAGGG
44451 GGGACCTTAC CAATGTAGAC ATGGCCAATT ATTTTTCGAT AATTTAATAG
44501 ACTTGAGCCT TGCTTGGGGT AAGAACACAG TGTCTTTTCA CCCAACTTC
44551 CCCCTTCTCA TCCTTCTTCT GTTAGGAGAC ATGTTTTTGGG GACCTGGGTA
44601 AGGGAAGCTT GAGTTAGAAA TAACATTTTCG TTGGGTTTAG AGTTGTATTT
44651 ACATGGTGTG CAGTCACTTT TGTGAACAGG TAAATTTTAA GCTCTCCCAG
44701 CATAGAAATA AGGACCAGAA ATATCTTCTC TGGCCACCTC TGCATCTGAG
44751 GTTATGATAT GGTGTAGCAT TTCTAGAAGT ATCAAAATAT CAGTGTGGTA
44801 TATTATGCTT GAAGTATGTG AGTCATATTG GAGAGACAGT GTTTGAAATG
44851 TGTGGAGCCA GAAGCTAGAT TTTAAGTTTC ACTTACAAAG GAAATTTTCT
44901 GGCAATTCCT CTAATTTTGA CAACCATCAT AAAAAATTAC ATGACATATA
44951 TTGATAAGTT GTGGAGCTGA AAGAAGCTTT ACCAAAAGAT CAATTAATAA
45001 TAATTGATCA ATTATTGCTA GAGGAAAAAT GAATTATCTG TTCTTTCTAT
45051 ACAAACCTATT TACAAAATTT TCTAAGAAAC TACCCACACA AATAAAATTA
45101 AAAATATGGA GGGGAAAGTA TTATGGACTA TTAATATTAA TATTATAGTA
45151 TTTAATAAAA ATAGTATGTT TTCTGGATAA CGTGATGTAT TTTTCAGCCT
45201 TCATGAATGT GTAATATGTT GTGTTTTTTT CATTATAAGT AAACCTCACT
45251 TCTGTGCCCA ATTTTGTTTT CGTAATACTG TATTTTTCTT AAAGCAAGAT
45301 TCCCAAATTG TATACATGTT GTATACAAAT TGCATCCAGT CTCCACAAAA
45351 TTTAATATTG TCCTTCTGTG ATTTCTGGGT AAACATAATG GTAAATTAAT
45401 TGAAAAGATG ACTAAACATT TTAGAATTAC TTAGGAATGA ATACCAAGTAC
45451 ATTGTGTTTT TATTTTAAAT GGATATAAGT GAATATGCAA GAACCAAAATG
45501 CAATAAGGCT ATTACAGTTC TTCTTAAAC ATCAGTTCTC TGAGGATTAT
45551 TATTAGATAA TTTATGAAGA ACTTGAACCT CATCTGGCGC ACGCCCCAAA
45601 TGTTTACTTT GCAGAAAACA CTGCTATGCT GGCTGGCCAG TAGAGGGCAC
45651 TGTGCTGTTG GTCTGAGTTG TACAATGAGC GTTCAACCTG CAAGGCGTGG
45701 ACAGGTGGTT AAGATAATAA ATATTTTATG TGACCAAGCT AGAGCTCACA
45751 GTACAAGACA AGAAATTTCT TTCTCTCTCT GACTCCCTGC CTTTGTCTGT
45801 TCCCGTCTGT CTGTAACACA CACACACACA CACACACACA CACACACACA
45851 CACACACACA CACACAGAAAT GTTGAATAA ATAGATGGAT TACAGATTGT
45901 AACTTTGGG TAGACATGAA TAGAGAAAAT CTTGTTAGAG AAGATGACCC
45951 CTTGGGCTAT TGGCTCAGAA AAGGAGAAGG ATGTGGTTTG ATGAAAAGAA
46001 GAAAGAAAGA TGTTCTAGGA ATTTGGCAGA GGATGAAAGG AAGCAAGAGA
46051 ACTTAATAAG AGCAAAATACG TTTTGAATAA AAGTGATTTC CATTTAAAGG
46101 GGAAGAAGCT GACTCTTCGA TTTCCCTGTG GGGTGAGTTT TAGGGTAAAG

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46151 ACTCCTGTGC TGAAGGCCAG CCTGCTCATC TCAAAGGAAT ACATACAAAT
46201 GTTGCACTCT GAGTGCCTGA CTCATGTTTG TTTCTTGTTA GACTCTTATG
46251 GGGCAGATGA CAGTTTCCCC TNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
46301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
46351 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
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49151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
49201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
49251 TTTGGTTTTA CTTTTGGGAA AATTGCTTA GCTTATTTT TCACTCCTT
49301 TTTTGAATA TTTTAGTTAG GCTAGCGTAC TTCCAATTGC CAATAGCCAT
49351 TTTATTCTGT TTCCTTTTGA GAAATACCAT CTTATTCTTG TTTCATGTGA
49401 ATGTGTTATC ATCTTATGAC TCTGAGGATA TTAGAATTAG CATTACTCCA
49451 AACTCTAAAA TATTCTTTTA AAGTTTGCTG TACTGTTTCC TCAGGCTCCT
49501 CCTTCTTCT GTATTTCATT AAAATCTCTT TTTTGTGGTG CAGGCTTTCT
49551 ACACATATTT GGTAATTTT CAAAGAGGAA GTGTAGCAGG ATGATGGGGT
49601 GCTCTGTGAG TGCAGGCCAG ATAGCAAGAC TCACTTTTCG GTGAAGGACT
49651 TTTAGACATG AGTGTATGAG GTTGTGTGG GTGCCCTGGG AATACTCCTG

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49701 GCTGTGGGTG TAGCAGCCTG GCTGTGTAAG ATTTTGGTGT AACCAGAAGA
49751 AGGGGGCTTG TGAGAGAGGA ACCATGTTTC TTTTATGAAG TCTTTTGCTT
49801 CGAACTCTTT ATAGTTTATC TTGTGGGGTT CCTCCAGATT CCTAGCCCTG
49851 ATTTCTGTGT TGAGCTCCTC TGTGTATGGA CTTCAAATAC CTCCCTTTGC
49901 TTTCTATGCT TGCCACAGAC CCTTTTCCAT CATGTATGTC TCATGAGTCT
49951 CCTGAGCTCT GCAGGCTGAA ACTGTTCCCC TCCTGTCCAC AGGCTCCCTT
50001 GTCTCCAATG CACTGGGCTT GTGCCGTGCT CTGCCCTGCC TAATATATGA
50051 TTGTGATAGT AAAGTTAATG TGTCAACTCG ACAGGGCTAT GGGGTGCCCCA
50101 GGCATCCAGT TGAACATTAT TCTGAGTGTC TGCAGGGGA TTCTGGATG
50151 AGGTTAGCAT CTGTATCAGT AGAGTGAGGA AAGCAGGTGG ACTCCCTAGT
50201 GTGGCGGGCC CCATCAAACA GTTGAAGCCC TGACCAGAAC AACCCCTGTC
50251 CAAGTAAGAG GGAGCTCCTC CTGCCCGACA ATCTTCAAAC TGGCACATTA
50301 GCTTTTCCCG CCTTCAGAGC TACTGAAACA ATGGTTATTC CTGAGTTTCC
50351 AACCCACCGG CCTTTGGACT GGAACCATAC CATTGGCCCTT CTGCCCATT
50401 CCCACTGCTG GTGTTGGAGT TTGCCAGACT CCATAGTTGT GTGAGCCAAT
50451 TCCTTATCAT AAATCTCTAT ATGTCACCTA GTGGCTCTGT TTCTTTGACA
50501 CAATGACACT CTTATTACAA CTGCATTATT ATTTTAAAAA TGGATTGACA
50551 TATCTTCTGA GATACCATT GTGAAGCTAG AGCCCGTTCT TCCTGCCTCG
50601 CAGGCCAGGG CCCTTGCTTA GGCGGCAGCC CCTCTGTGG GCTTCTCTCT
50651 CCCTGCAGCT CATACTCAGA AGGCGTCTTG GAGGCATGTT CAACTTGTCT
50701 GGCGAAAGCA GAAAGAAGTC TATTTTAGAA AAAAGACAAC CCCACATCTT
50751 AGCTAATGAT TCCATTCTTA GTTGTGTGTG TGTGTTTTAA ACTGACTGCA
50801 TATTTTACA TTCCTTTCTA GTATGGTAGT GGTGTCCCTG TAGGCAGAAG
50851 TGGTAAATGT GTTTCCATT TACAATTGTC AGTCTGAAGC TAGGCAGCCT
50901 TTAGATCGGG TCTTTACTGC TGTAGAATC CTGCACATAA CAGACCTATT
50951 TAACTCATGT CTCTATGTTG GATTTTCAGT AGACACCTGC AGGGATGGGT
51001 CCACTTTATG AAACGTGAG CTGTACACTT TGGTTTGTG CACTTTGCTA
51051 TATATGCACA CTTTGGTTTT GTGCACCTTG CTATATACGC ATGATAACA
51101 AAGAAATGTC AGTTAGAATT AAACACTTGA ATAAAGTTTG ACAATTATGT
51151 GAGAAATCCA GAAAGATAGA ATAATATAGC TTGCCCCAGA TTTTAACTC
51201 TACAACATGA GGGACGGATA GATATGGCTT TCTACCCAGA CCTAAATTAA
51251 ACATTTGTGT TTTCATACCT AGAAATCTCT GTGTACCAAT CATCTCAGCT
51301 CCCGATGTTT TCCCAGCTTG ACCACTTCGG TTTAGCTTTC CATCCAGATC
51351 TTATTTGATG TTGTAGTTCC TGAACCCCTG CTCCTTGGGA AGTGCTCTTT
51401 CTGACAAGGT ATGTCTCTCC CGAGAACCAG TGCACCCTTG ACTGAGGGCA
51451 AAAGCGTTTG GGACCTGAAA AGGATGGGTT TAGGCCCTTG CCTTTGGATA
51501 ACTCGATCTC AGAGTGGCTG CTGCTCCTTA CTGGTTTGT AGCATGCCAA
51551 CACTTAGGAC AGCCTTAAAT CTTTCCCTGT AGTAGGGATT ATTTCCCTCT
51601 GTTTGGAAG AATATACTGA ATTCTGAATG AAAGGCCAAA TGTGGTATAC
51651 TTAATGCAA TATGTTTAG TGTAGAGTT TCACACGCTG ACCTGTTGCG
51701 TTTCTTTTGG GGCAGTGGCT GCATGGGGCC TGAATTGTAA TGATTCTCTGT
51751 ACTTGTTGAG GCCAGATATT TTTATAACAA ATAATTGTTG TTTCTTTTAA
51801 TTGAAAATTG AGAAGAATCT CATTAAAAAT GATCCTTCTC TTGCAGTGCA
51851 AAATTAATAA AATCTCATAA CTCTTTTTTT TTTGTTTTTA TACCATGAAG
51901 TTCACATTTT TTCTTTCTTT CTTCCTTTCT TTCTTACTTT TTTTTTTTTT
51951 TTGAGACGGA GTTTCACCTC CTCACCCAGG CTGGAGTGCA GTGGAGCAAT
52001 CTCAGCTCAC TGCAACCTCC GCTTCTGCGG TTCAAGCGAT TCTCCTGCCT
52051 CAGCCTTCCA GGTAGCTGGG ATTACAGGTG CCTGCCACCA AGCTCGGCTA
52101 ATTTTGTGAT TTTTAATAGA GACAGGGTTT CACCATGTGG GTCAGGCTGG
52151 CCTCGAATC CTGACCTCAA GCTATCCACC CACCTCGCCC TCCCAAAGTG
52201 CTGGGATTAC AGGCATGAGC CACCGTGCC TGTACATTT TTTTTTTTTT
52251 TTTTAATATA AAGCACCTGG TCATGCTCAC TTTGGCAGCA CATAGACTAC
52301 AATTGCAATG ATACAGAGAA GGTAGGATG ATCCCTGCGC AAGGATGACA
52351 CACACATTCA TGAAGTGTT TATGTTTTTA AAGTTAAAAA AAAAAGAAAG
52401 AATAAATCAC TTGGGTAAAA CCTGCTTTTC AATAATGTCA CTTTAAATGA
52451 TATTAGCCAT AAATATCTGA TATCTGTCAT TTGGAATTGG TTATCTAAGA
52501 GTTGTTTTCA CTAGAAGATC TTCCTGGCAG CATGCTCAGT GGTCAAAATG
52551 TTATCTTCTT CTCAGCTCAT GTTTCATGCG AGGTGTTGAG ATAAAGTGTT
52601 TCATGTCCAT AGTTATTTGT TGAATAATGC ATTGAGTAAT AGAACAGATT
52651 TGGAATCTG ATAGGAGCAG GACAGTCACA CTATTTAATA GGAATTATAG
52701 GTAGACTCTA ATTTATGAAC TTACCTTCAA AGGTGTATG TAAATTGATT
52751 GGTCAGCAGT CGACTTCCAT TTCACCTCCT GGATGTGTTT TGTGACAGAT
52801 AGTCTAAAAG AGCACTAATA CCTCTCCTGG TCCAATTACT GCATTCTGGG
52851 AACAGGCTAT GAGATAAAGC AGTATCTGAC ACCCTTTTTT CCTGCTGTAG
52901 ACTAAGAATT AGGAACATGT TGAATAATAA AATGGCAGTG TTTTAAATG
52951 AACTTAGTGA CCTTTTATTT GTAACGGTG AGATTTCAGT AGTTTAGCAT
53001 TAATAAAATG AAGTGAAAAT TTCTTGTAAG GTGCTCATAT GTTACCATTG
53051 ACAGGCTCTA TTTATCAGTG GGAATTCTTG GATTAAAGAT TATTTCCAGA
53101 ATACAATTTG GGAGGGATGG TGGCAAAGCC TAAGGAATTG ATGCCAGATG
53151 TGGAAGGCCA TGGGCTTTGC CATCCATTGG AATGTCCTCT GGGGTGGCTC
53201 CCAGGTATGC AGTGATGTCC ATCAAGAGAA GTGGCAGAGG GCCACTGGGA

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53251 AGGGCTTTTG CATTGGGTGG TGTGCTCTT GTTCTTTCCC TFGATTGGTT
53301 GAATGCACTG CTAAGGAATC ATTGAATTAA ACTGCTTAAT GTTGTAGTGT
53351 ATCATCTTTT CCTCAACTTC CAATCATCTA GAACTCCTTG CTGAGTGACC
53401 ATTTGGGAGG AGGAAGGTGA ATGATATCCT ATCGGGAGCC TGCTAGGATG
53451 GAAGGCTTCC AGGACATGGG CATGGAATGC TGGCCCTGTT CACAAAGTCA
53501 GCTTCCGGTG GGGACGCTTA AAGCCTCCTT TATTCTTTCA GTAAATATTG
53551 AACGCTTACT GTATGTTGGG AAGATATAAG AAATTGTGTT TTCCATGGAA
53601 TGCAGTAGAA TAAGGCAATT GTTTTTGACT GTCTTTACAC CTTAACATGG
53651 ATTTACTGTT TCCATTTTGG TGTGCGTGT TAAGGTTTAG CTTAATTCTT
53701 GTGTTTCTGG AGGCTTGCTT GAAGGGGAAG TTACACTTTG AGCAGCTACT
53751 GAACTTTGCG TCTTTTAAAT CGGTCTCTGG AGAACAGCTG TCAACTTCAA
53801 TTTTCTCGT AGCTGGAAAA TCAGACTCTG GTATTGTCTG TGGGTTCTTG
53851 CTTTCTGCTG CATTCTTGGA GGTCAGACTC CTGTGGTGCC TTGTGATTTG
53901 TGAGGATCAG GTAGACCCAG ACCCATATTT TGCCAGACCC TATTTTCTAA
53951 TGGATTGTTT CTGTATGTGC CTAATTATGA GTTATGGAGT GAAGCGTGTC
54001 CAACATACAT GTAACAAGAT CCACCCCATG AGTTGGGCTC CTCAGAGGAG
54051 GGTTCGAGA TAGATATTAT TGTCAGGTTT TGTCCTCTCC TGGGAAGCCT
54101 CCAGATCTTC CCATCTCCCA AAAGGAAAAA GGCCAGTGTG TCAACATGAG
54151 TGACAAGGCC AATGCGTTGG CCCTTTGCCA CGTTCAATTG AGTCTCTTTC
54201 ATACTTCTCC ACCTCCGTTT GCCCAAATTG GGCTCTTTAC TCTCCCTCCT
54251 ACAGGTGGAG CAACGGGAGC TCTCCACCT TGCGCTTCT GCCTCGCTG
54301 TCCCTCCCT CTGCAAAGCT CTTCCCTGT GCGTCCATGA GACTTGCTCC
54351 TGCTCCTTCA CCTCCTTCAG GGCCTAGTTC ACAGGTCACC TTCTCAGTGA
54401 AACCTTCCCT CGCCACTCTG TTGAAAATAA TCCTCCTCCC AGCCCCAGCC
54451 AGTGTAACCT TCTGTATCCT CCTTCCCTGA TCTGTTTTCC CCTGCAGTAT
54501 TCATCAGCAT CTATGCTGTT ATGTGTTCTA TTTTTTTTTT AATCTCGTTT
54551 CTCCTCTAGA GTGCAATTTT CTTGAGGGTG TGCCTTTTGG ACCACTTGGT
54601 TCCCTTTAGT ATCTCCGGGG GCTGGCACAC TGCCCTAGTA CATAATTAGG
54651 GCTCAGGAAA TATCTATTGC ACATGATGGA TGGATGGATG GATTTTGTAT
54701 AAATCCCGGT CATCTTCATG TCACCCAGTT TCAGGAAACA CTGGCCTCAT
54751 GTTAGAGGG AGACTGAGTG AATCATAGAG AAATATTCCT GTTGGCGCCT
54801 GGTCACTTAT TCCAGCCCC CAAGCTCTAA GGTCTTGGGT TTCCATGCAG
54851 CTAAAGCCCC TCCTTGCTGT GACTAGCCAG GAGGACAGTG ATGCTGGCAC
54901 ATGCATTTCG TCACACGAGT GGGAAATGTCT TTAGGGGAGG GGTGGCTTAT
54951 TTACTTGGGT GAATAAATA TCCTGTTGGG AAGTTCTGTC ATTACCCAT
55001 TTACCCCTGG AGATGTTTTT CCCCTGGCAG AGTGAATGGT AAAACATCTC
55051 CCATCTTATT ACATTTTTAA AAAGTTGCTA CATAATAGTT GTATTAACAC
55101 ATATTTTAAA GGTACATGTA ATAATTTGAT ACATTTCATAT AGTGTGTAAC
55151 GATCAAAATCA AGGTAATTGG GATATCCAAT GCCTTAAATC TCTTCTAGAT
55201 ATTTTGACGT GTACAAACAGA TTATTGTAAA CTATAGTCAC CCTGCTGATC
55251 TTTCAAATAC CAGCTCTTAT TTTCTCTACC TAACTGTGTA TTTGTACCCA
55301 TTAATCAACC TCTCTTCATC TCTTCCCTCG TGCTACCCCT CCTAGCCTCT
55351 GGTAAACCACC AGTCTGCCCT CTGTCTTCAT GAGATCCACT TTTCTGGCTC
55401 TCACATATGA GTGAGAACAT GTGATATTG TCTTTTATG CCTGGCTTAT
55451 TTAATTAAT ATAATGACCT CCAGTTCAAT TTATGTTGCT GCAAATGACA
55501 GGATCTCATT CATTTTTTGT GGCTGAATAA GTACTCCATT GTGTATATAT
55551 GCCACATTTT CTTTATCCAT TCATTCACCTG ATGGCCACTT AGGTTGATTG
55601 TATATTTTGG CTACTGTAAA TATGCTGAAT AGTGCTGCAA TAAATATGAC
55651 AGTGACAGCA GATATCTCTT TGACATATTG ATTTCTTTTC TTTTGGCTCT
55701 ATAGCCAGAA GTGAAATTGC TGGATTATAT GGCATTCCCT TTTTATGTTT
55751 TTTTTTTTTT TGATGTTTTT TTTTGAGAAG NNNNNNNNNN NNNNNNNNNN
55801 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
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56101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
56151 NNNNNNNNNN NNNNTTTTAT AATAGCCCAT TTACACTGCC AGTGAGAATG
56201 ATATCTCATT ATGGTTTGA TTTGCATTTT TCTGAGAATT AGTTATGTTG
56251 AGCATTTTCC TGTGGCCAT TTGTATGTCT CTTCTGTGAA ATGTCTATTC
56301 AGATCTTTTA TGCAATTTTA AAACATATTA TTTTATCTAT TTATTTATTT
56351 TAGCTGTTGA GTGTGTTGAG CTCCTTATTA TATCTGTTT ATATTCTCCT
56401 TACATATCCC TTGTGAGATG GATAGCTTGT AAGTATTTTC TCCCATCTCT
56451 TGGGTTGTCT CTTTGTGAT GTTTTCTTCA TTCTGCAGGA GGTTTTATAGC
56501 TTGATGTAAC CTTATTTGTC TATTCTTGCT TTGGTTGCGT ATGCTTTTGA
56551 GGTCTTATAC AAGAAAAATCT TTGTCTAGAC CAATGTCCTG GAGTATTTC
56601 CCAATGTTTT ATTTTAGTAA TTCTCAGTTT CAGGTCTTAG ATTTGAGCCT
56651 TTAATCTATT TTTATTTGAT TTTTGTATAA TGAGAGATAG GGTCTAGAT
56701 TTCTTTTTTG ATATGTAATT ACCAGTTTTC CCGGCATCAT TTATTGAAGA
56751 AACTGTCTTT TCCCCACTGT ATGTTCTTAG CGCCTTTGTT AAAATGAATT

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56801 GACTATAAAT GCATGGCTTT ATATCTGGGT TCTCTCTATT TCTCTTTTTT
56851 TAAGAGATGG GGTCTCACAA TGTTGCTGAT CTCAAACTCC AGGCTTCAAG
56901 TGGTGCTCCC ACCTTGGCCT CCCAATGGCT TCTCTATTCT GTTCCATTGG
56951 TCTATGTGTC TGTTTTTATG CCAGTACCAT GCTGATTTGG TTACTACAGC
57001 TTTGTAGTAT GTTTTGAAGT CAGGTAGTGT AATGCCTCCA GCTTTGTCTT
57051 TTTTGCTCTG GATTGCTTTG GCTATTCAAG ATTTGTGGTT CCATATAAAC
57101 GTTAGAATTG TGTTTTTCTG TTTCTGTGAA GAATATCATT GGTATTTTAA
57151 TAGGGATTAT ATTGAATCTG TCATTGCTT TGGGTAGTGT TGTCACTTGA
57201 ATAAATATTAA TTCTAATCCA TGAGCATGGA ATATCTTTCC ATCTTTGGT
57251 GTCCTCTTCA ATTTATTCCA TCAGTGTATT AATAGTTTTT CTTATATAGA
57301 TCTTTCACCT CTCTGGTGAA ATTGATTCCT AGGTATTTTA CGTCTTTGT
57351 AGCTATTGTA AATGAGATTG TTTTCTTGAT TTCTTTTTTC AGATTGTTTG
57401 CTGTTGGCAT ATAGAAATGC TACTGATTTT TGTATGTTGA TTTTGTATCC
57451 TGCAACTTAC AATCATGTCC TTTGTGAACA AGGCTAATTT GACTTTTTCC
57501 TTTCCAGTTT TACTGGCCTT TATTTATTTT TCTTGCCATA TTTCTCTGTC
57551 CAGGACTTCC AATACTATGT TTAATAACAG TGGTGAAAGT GGGCATCCTT
57601 ATCATGTTCC AGATCTTAGA GGAAAGGCTT TCAATTTTTT CCAGTTGAGT
57651 ATGATGTTGA TTGTGGGTTT CTCATGTATG GCCATTATTA TTTTGAAGTA
57701 TGTTCTCTCT ATATCTAGTT TGTGAGGAT CTTTATCATA AAGAGATACT
57751 GAATTTTGTC AAATACTTTT TTCAGCATCT ACTAAAAATGA TCACATGGTT
57801 TTTGTTCTTG GTTCTGTAA TGTATATAT CACATTTATA GATTGTGATA
57851 TGTGTAACCA TCCTTACATC CCTGAGAAGA ATCCCACTTG ATCATGGTGA
57901 ATGATGTTTT TAATATGTTG GTGAATTCAT TTTGCTAGTA TTTGGTTAAG
57951 AATTTTGGCA TCTACTGGAC GGGCATGGTG GCTCATGCCT GTAATCCCAG
58001 CACTTTGGGA GGCCAAGTTG GGTGAATCAC TTGAGATCAG GAGTCAAGA
58051 CCAGCTTGGC CAACATGGTG AAACCCCATC TCTACTAAAA ATACAAAGAG
58101 ATAGCCAGGG GTAGTGGCAC ATGCCGTGTA TCCTAGTTAC TCTGGAGGCT
58151 GAGGCTACCT TGAACCCAGG AGGCACAGGT TGTGGTGAGC TGAGATCACA
58201 CTACTGCCGT CCAGCCTGGG CAACAGGGCT AGACTCTGTC TCAAAAAAAA
58251 AAAAAAAGA ATTTTTCAT CTATGTTTAT CAGTGATATT GGCCTATAAT
58301 TTTCTTGCCG GGTTTTATTA TCAGGGTAAT GCTGGCCTCA GAATGAGTTT
58351 GGAAGTATTC CGTGATCTTC AATTTTCTT CAAGGCTTTA GGATAACTTT
58401 TTTTCTTTT TTTTGTGAGT AGAGTTTAC TCTCATTGCC CAGGCTGGAG
58451 TGCAGTGCCG CAATCTTGGC TCACTGCAAC CTGACTTCT GGGGCTTAGA
58501 TCCTCCCACC TCAGCGACGT CCTGAGTAGC TAAGACTTCA GGCACACACC
58551 ACCTTGCCGT GCTAGGTATT AGTTCTTCTT TAAATGTTTC ATAGAAATCA
58601 GCAGTGAAC CATCTGGTCC TGGACTCTTC TTTAATGGGA GGCTTCTTAT
58651 TATGGCTTTG ATTTAGTTAC TTGTTATGTA TTGGTTGAGG TTTTCTGTCT
58701 CTTTATGGTT CAGTCTGGT AGGTTTATG TGCCTGAGAA TTTATTCATT
58751 TCTTCTTGGT TTCTGATTTG TTGGTGATA ATTGTTTATA GTAGTCTCTA
58801 ATGATTTTTT TGTGTGTGT ATTCTGTGG TCTCAGTTT TATGTTGCAT
58851 TTCCATTCTT GGTTTTATTT GAGTCTTCCC TTTTCTTCTT AGTCTAGCTA
58901 AGGGTTTGTC AATTTTGCTT ATCTTTTCAA AAATTCAGT TTTTGTTTCA
58951 TTGATCTTTT GTACTTTTTT TAGTCTCAAT TTTATTTCTG CTCTTACCTT
59001 TATTATTTCT TTTCTTCTAC TAATTTTGGG TTTTATTGTT TCTTGTTTTT
59051 CTAATCTCTT AAGGTACTTT ATTAAGTTGT TTTATTTGAG TCTTTCTCCT
59101 TTTTGTATGT AGGTGTTTAT TACTGCAAA TCCCTCTCTT ACCATTGCTT
59151 TTGCTGTATC CCATAGATTT TGGTATGTTA TATTTCCATA TCCATTGTGT
59201 TCAAGAAATT TAAATTTTTC CTTCTTAATT TCTTCATTGA CCTATCAGTT
59251 GTTGAGGAAC ATGTTATTTA ATTTCCATGG GTTTGTGTAG TTTCCAGGGT
59301 TCTTATTGTT ATTGATTCTT AGTTTATTTT ATTGTGGTCA GAAAAAATA
59351 GTTGATATGA TTTCTAACTT TTTGAATGTG CTGGGACTTG ATTTATATCC
59401 TAAGATATGG TCTATTCTAA AGAATGTTCT GTATACCAAT GAAAGAAAAA
59451 TGCATTCTGC AGCAGTTGGG TGAAATATTC TGTAAATGTG AGTTAGTCTT
59501 GTTTTGTCTA GTATACAATT TAACTCCAGT GTTCTTTTGC TGATTTTCTG
59551 TCTAGATGAT CTGTCCATTA CTGACAGTGG GAAGCTGAGG TCCCTTACTA
59601 CTATTGTATT GCAGTCTATC TCTTGCTTTA GATATATTAA TGTGTGCTTT
59651 ATATTTTTTG GTGCTCTGGT GTTGAGTGCA TAGATATTTA TAATTGCCTT
59701 TATCATTATA AAAATGACCT TCTTTGTCTT TGACTTGTAG TCCGTTTTGT
59751 GTATATAAAG AATAGGTAAT CCTACTATTT TTTGGTTTTT ACTTGCATGG
59801 AATATCTTTT TCCATCTCTT TCATTCTGTG TGTGCTTTTA TAGGTGATAT
59851 CGGTTTCTTG TAGGCAGCAT ATAGCTGAGT CTTGTTTCTT TATCCATTCA
59901 GCTATATATA TCTTTTAAAT AGAGAATTAA GTTCATTTAC ATGCAGTGT
59951 ATCATTGATA AGTAAGGACT TACTACTGCC ATTTTCTGCT TGTGTTTCTC
60001 ATTGTTTGAT AACTTCTTCT CTTCCTTCTT TCCTTCTTCT CTTCCTTCTT
60051 TCCTTCTTCT CTTCCTTCTT TCCGTTCTTCT AGTCTTCTT TTTCTTTTTT
60101 CATCTTCTT TGTGGTTAAG TGATTTTCTC AGGTAATAGG TTTTAAATTG
60151 TTGCTTTTTA TTTTGGTGT ATCTATTATA GGTTTTTGCA CTGTGGTCAT
60201 CACAAGGCTT GCAGAAACAT CTGTAGATA TAACAAGTTA TTTTAAAGA
60251 GATGACAACT TAACTTAGAT CACAGAAAGG AATAGAAACA ATAACTAAA
60301 AAAACCTCTG TGTTTTAACT CTATCTCCCC TACATATTGA TTTTCTTGT

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60351 ACCTCAATTT GGATATATTT ATACTGCCTA TTTTGTAGCA GGTTTCTGTA
60401 TGTGTTTTTCG TTTTGTATAG ATTTGTCTTT TGGGCTTCAT ACTAGAGTTA
60451 TGAGTGGATT GCACACCACA ATTACAGTAT TAGAGTATTC TGGGTATGTC
60501 TATATGCTTA ATTTTACTAG TGGGTTTTAT ACCTTCAAAT GTTTTCTATT
60551 TGCATGTTAG TGTTGTTTT TCTTTCAAAT TGAAGAAGCT CCTTTAGTAT
60601 TTCTTGTAAG ATGGATCTGG TGATGGTAAA TTTTCTCAGC TTTGTTTTT
60651 CTGGGAAAGC CTTTATTCTT CCTTCATAGT TGAGGGACAG CTTTGCTGGA
60701 TACAGTATTC TTGGATGGAA ATTTTTTTTC TTTTAGCACT TTGAAAATTT
60751 TGTTCCACTC CCTTCTGGCC TGTTTGGTTT CCATTGATAA GTCTGTTGCC
60801 AGATGAATTG GAGGTTCTTT ATACGTTATT TTCTTCTTTT CTGTTGCTAC
60851 TTTTAGGATC CTCTTTGTCC TTGGTCTTGG AGAATGTGAT TATTACATGC
60901 CTTGGTGAAG TCTTATTTGG GTCAGATCTG TTTGTTGTTC TCTGACATTC
60951 CTGTACCTGG ATGTTTATCT CTTTCTCAAG TTTTGAAAAG TTTTCTGTTA
61001 TTTTTTTGAG TAAGCTTTTT ACTCCTTGCT CTTGTTTAACT CCCCTCTTGA
61051 ACACCAGTGT TTTTGTAGCT TTGTCTTTTG AGGTAATTTT CTTTATCTTG
61101 TTGACAATCT TTGTTCTTTT TTATTCTTTT TTCTTCTCTG TGTATTTTCA
61151 AATTGCTTGT CTTTGAGCTC ATTTATCTTT ACTTCTGCTT GATTCATCTT
61201 CCTACTGACA GCCTCTAATG AGTTTTTTCAG TTCTTCAAAT ACATTTCTCA
61251 GTTTGAAGAT TTCTGTTTTG TTTTATTACT ATTTCAATCT CTTCATGAAA
61301 TTTCTCTGAT ACATTTTGA GTTGCTTTTC TGTGTTATCT TGAAAATCAC
61351 TGAGTTCCCT TAAACTGCT ATTTTGAATT CTTCTTCAGA GAGCTCACAT
61401 ATCACCATCT TGTTAGGGTT AGTCACTGGA TCCTTGCTTC GTTTGTTTCA
61451 GGAAGTCATG GTTCCCTGTT TGCTGCTGTC ACTTATGAAT GTATGTTAT
61501 ATGTTTGCAT TGGAGAATTA GTTAGTTATT TCAGTTTTCT CTGCTGGAT
61551 TCTTTTGCTT TTCATTGGAT ATATTTGCTT AAGAGATTCA TTGTAATTTA
61601 CCTGTTGAAT TTCTTTCTTT TCCCATTAGG TCACTGCCTC CTTTTCAGCA
61651 TTAGATGGTG CCTTAAGCCC AGGTTTGTCT CCACTCTAAT AAACAATTGG
61701 AGCACTGTCC ATCCCAATG GAAATGGTGC CAAAGGGGAT AGCCTAGCAA
61751 TGTGGGAAGG TGAATTAGGG GTTGTGCTC AGGGGACCTG TGGGATGAAC
61801 CTCTACAGC ATGGTGCTGC TAAGCAGACA CTGCAATTTG GTATCTCTTT
61851 GGCCAACTTA TAGAGCAAAG TTTCCAGAGT TGGGGATAGT AGTCTGCCT
61901 CCTCACTTTG TCTCTGGCTG TCCCCAGGGA TATTTCTTCC TTCAAGCACT
61951 CCCCATGCTT CCTGTGAGTT GAGGTAGGAA CAGGTATCCT GCCAGGGAAC
62001 TCAAGATGAT GGGGAAGCTG CCCGTCACCT TGATTTTCTT TTTTCCAGTG
62051 TTAAGTCTGAG AGTTGGGGGA AATTTTCCAC GTGCTTGGTG CTGGCAGATT
62101 GGGGAGAGGG ATGTCTTGGC TGTGGATGTC CCCTTCTCTT ACCATCTACT
62151 TGGAGCTTTT TTAATTTCTT GTGGCACTGA GAACTGTCTC ATCCTCATAT
62201 TCTAGTTTGG GGATATTTGT GGTGATAACC TTAGTGCTGT AAATTTGGTT
62251 TTTGTTTTCT GTGTGGGGAA TGAAGCCAGC TTGCTTCCAC GCCACCATT
62301 TGAACACAGA AACCTCATTG TATTACACCT TATAGTGCTC TGCTGAATTA
62351 AATTCAAATA GGAAGTTTGA ACAAAATTTAC CTCCTCAGGA ATTATCCTAA
62401 ATCCCTGCTA CTCAAAGTGT GGTCAATTGTA CCAGTAGCAT TGAAGTACC
62451 TGGGAACCTG TTAGAAATGT GGAATCTCAG GCCCACCACA GACGTACTGA
62501 ATCAGAACTC GCATTTTAAAT AAGCTCTCCA GGAGACTGGT GTGTTGAGGA
62551 AGTACCATCC TGCAATATTC TGGTAGACTC ATTTTGTAGT GTGCTGCCTT
62601 TAGCTGTTTG TAGTGTTATA TCTTTAATTC TGAACATGA CAGCTAATGG
62651 CTATATATTT TGGCAATTA TTTAATGCCA CACAATAACC TTTTCTGGA
62701 TGAATGTTAA TTTCTCTGAA TTATTGATCA TGCTTACTCT ATCTCAGGAT
62751 GCAAGCATTT GGGCTCGTTT TTCTAGTTCT AGTAGAGTAA AAGTTAGTAT
62801 GCATTTCCCT CTCCACTTCT ACCCTCTTAT ATTTCAATTT TTGCCACAAG
62851 CAAGATTCCCT TTCTCTCTCA ACTCTCCATC TTCAATGGTT TCAGGGATAT
62901 GTAGGTCCTT AAGCACAGTC AGCATTTTGC TCAAGTGGAA AATGTTTATA
62951 TATAGCTGGG GTAATGTGCC AACTGTGTGC ATGTGTATCT GGTATATACA
63001 GATGGAATCT CAGGTTCAAA TGTATAATC AAGCTATCTT GCAAGATAGT
63051 TTCTACACTC TTATTTTACA GTATGTGAAC TTTCTTTTTG TTTTGTGCTG
63101 ACAAAATGTT ATTGCTTTAT TTCAGTGGTC AGGATTGCTG TAGAGGTATG
63151 CATGATATGC CATTTGATTT TGTCTCTTAA GCCATAGTTA AGAAGACTTT
63201 GTATTGTGAG CTATCACATA CATGAGTTTT GTGATTTTTC CCTACTTTTT
63251 AATGAACCTA ATGTCAGCTG TTGATTTCTG CCAGATTTTCA CAGTGACATC
63301 CTGTTATGCC ACAGGGCCAC TTAAACAAGG AGGAGATCCA TGTCAGCAAA
63351 TTTCTAGCTA ATTCAGGGAT AGTCTTTCAA GTTACATATT GTTTAAGTTT
63401 TAACTCTTTA AAAAGTGGTC TTCATATAAC ATCACATACA TTTTGTAGCAC
63451 CTTAGGTAGA AGTTGCTAAA AATGATTTTG TCTTTAAGGA TAACTCTGAT
63501 CACTGTATTG TGAATGCGA GGCCATTGTA CCATGGGGCA TGATTTTCTC
63551 TGAGGCAGTG GCAGATGGGA CTATTGGCAG TGGGACTATT TCTGTTTCCA
63601 TCAAATGACC TCTGGCTGCT ATATTTTGA GTAGTCCACT TTGGTTTTAC
63651 TCTGTTGTTT CAGGCTTGGT TGCTGTCCAG TCTCACAGTA GTGACTTTG
63701 CTTCTGGTGT ATTCTGTCTC CTGAGCCCTT CGCCCTTCTA TTGGGGTGCT
63751 TCTAATTTGT TGTAAATTAA AAACCTGCTA GATAATCTTT TTTTATTTA
63801 TTATACTTTA AGTTCTAGGG TACATGTGCA CAACGTGCAG GTTTGTTACA
63851 TATGCATACA TATGCAACTT GTGATGTCAT ACATATGCAA CATGTGTATG

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63901 CATACATATG CAACATGTGT ATGCATACAT ATGCATACAC ATGTTGGTGT
63951 GCTGCACCCA TTAACATCATC ATTTATATTA GGTGTATCTC CTAATGCTAT
64001 CCCTCCCCAC TCCTCCCCAC CCACAATAGG CCCAGTGTG TGATGTTCCCT
64051 CTTCTGTGT CCATGTGTTT TCATTGTTCA ATTCCTCCCC ATGAGTGAGA
64101 ACATGTGGTG TTTGGTTTTT TGTCCTTGTG ATAGTTTGCT CAGAATGATG
64151 AAAACCTGCT GGATAATCTT GCTAGAATAT ATTATAATTA AGAATAGGCT
64201 CAGAGTGATG TCCTCAGAGG GTGAGCTAGG AATCATATAG GTACTTTTAT
64251 GGTGCAAACT TGAATAAAAT GTGTGAGCAG CCACAGCTGG TTTGGTTAAT
64301 TTTGCCTTTG GGTATTTCAT CTGTTCACTC ACTATCTGCT ATGTGCTAGG
64351 AACATATGGA ATTGAAGTAA ACATTCTTGT CGTTCCCATAT ATCTGTTCTG
64401 GGGATAGATA AAATACTAAG CAAAGCATTAT TGCCATATATG ATATAGGTGT
64451 AAACACTGTA CTGTAGGCTT GCATGAGGAG TGTGCTTATA AATTTGACCA
64501 GACTTACTGA AAGATGTAAG ATTGGGTGGA AGGAAGGATA CTTTGGTCAT
64551 GGAGAGACAG GTAGGGTGTA AGGGAGAGGA TGTCTTAGGT GGAAGCAAAA
64601 GTGTGAGCAA ACATGATCAA ATAAAGGGTG TGTGGAAGGA ATGGAATTAT
64651 TTTGGGTGTG GTTGAAGCAT GAAACATCTG TGGTGGTTAC CCAGAGGGGA
64701 ACATCGAATT GTTATTCACA CGCCTGCTGT TCATAGTATA TAGCTCCTAG
64751 AAGGTGGGTA GATGCTCTCTG CTTATGTTGT GTGAAAATTA AAGAAGCACA
64801 TGTATATCTT CCAATGTAGA AAACAAACAC CACATTGGAA GATTTTCTCA
64851 TCAGGGGCGC CATTTTACAA ACTAAAGCTC TTTAGGAGAA GATACACAGC
64901 AATTTCCCTG TCTTGAGTTT TGAAACATTT TTTTAAAC CATTTGTAAA
64951 ACTTTCTAAA CTTCTTGTCC TGTCTTGTG TTTTAGAGTT TACATCTATA
65001 ACTGATAGTA TTATTTTCTT TTGCACTTAC AGTACGCGCA AGTACAGCGT
65051 GTTGACATTT CTACCTCGAT TCTTGTATGA GCAGATTAGA AGAGCTGCTA
65101 ATGCCTTCTT TCTCTTCATT GCCTTATTAC AGGTAATGGT TTTTAAACAG
65151 TTTCTTGGGA ATTCACCTAA TTACATGTAA AATGAGATTT TGCTAAAGGT
65201 TCCTTAACTG CTAAAGTGTT ATAATCTTGG AATATAGTTT GTTCCCTCC
65251 TCTAGTCATT GTTTGATAGA GTGAACAAGC CTGACTTTGT ATACAGGGAG
65301 ATTTCTTTTG GTATGGCCTT GAGGATGATT GCAGTGACTG AAAGAGGCAT
65351 TGAAAAGTGG CCTTAGGGGC CATACTTTTA AGCCTTTTTC TGTCCAAAC
65401 ACATAACCAT GTTGGATAAA ATTTTAAAA ATATGTAAAA TACATAGCTA
65451 GTTTTAAAG TAAGGTAATT ATTTTGAGT AACAGAAATG GAACAGAACT
65501 GCAAAAGTGT GAAACGTACG TGACTGCCGT AATTTTCTGT TCATGGAGAG
65551 GATTTTTAAT GTGCCAATCT CTTACTTGTG GTCTCTTATC TTCCAGCAAA
65601 TTCCAGATGT ATCTCCAACA GGAAGATATA CCACCCTGGT GCCATTGATC
65651 ATTATTTTAA CAATTGCAGG CATCAAAGAG ATTGTAGAAG ATTTTGTAAG
65701 TTTTGTCTTT TGGATAATAA AATCATTGTA TGCAGTAGAT AATAACTTAT
65751 GTGTTGCCCT CCGGTGATATA TTTAAGGCAG GAAATTGGGC TATAGCTTAA
65801 CCAGCCTCTT TAGACACCTG ATGGTATTTT TAGGGGGAGG TAATGTATAC
65851 TCAGAGTGTC CTAATACCT GTACAGTGAC ACTAAACAGT TCAAACCTTG
65901 TTTTCAAATA TTAGGTCCTT GGAGCCCCAT TGATTTTAT CACTGATGTT
65951 CCTATAGGCC TGCTTTAGAG CTTGCTAATT TGGGCAGCAA ATGAAAAGAT
66001 GCTGTGTTGT CTAGGATGGC AGCATTGTCT CGCTCTGCTT GAGGCAATTT
66051 TACAAGAATC TTCTCCCTC ACAATCATCC TAGTGTACCT CCAAGTTCAT
66101 TGGCTACAGC AACTATATTC CTTTCCCTG TCTTCTTGC TCTGTCTCCC
66151 CCTATATATT TGTGTGTGTG TGTATATATA TGTATATAT ATGTTATATA
66201 TATGATATAT ATGTTATATG ATATATATAT GTTATATATG TTATATATGA
66251 TATATGTTAT ATATGATATA TGTTATATAT GATATATATG TTATATATGA
66301 TATATATGAT ATATATGATA TATATGATAT ATATGTTATA TATGATATAT
66351 ATATGTTATA TATGATATAT ATGTTATATA TGATATATAT ATGTTATATA
66401 TATGATATAT ATATATGATT ATATATGATT ATATATATGA TTATATATAT
66451 ATGTTATATA TATATGTTT CATGTGCTGT CTCTCTGTCT CTGGATCTTC
66501 CTCTCTCCC TTACATACAC ACACACCTTG CTTTCACAAA CATATATGCA
66551 TCTTCTGGG AATAGGTATG TAAATAAATA TAATACAGGT TAAGCATCCC
66601 TAAATCCAAA AACCCCAAT CTGAAATGCT TCAAAATCCA AAACCTTTGC
66651 ATGCCGACAT GATGCCACAA GTGGAAAAC CCACACCTGA CCTCGTGTGA
66701 TGGCTGCACA AAATTATTAT AAACACTGTA TGAAGTTACC TTCAGGTTAT
66751 GTGCATAAAG TGAATATGAA GCATAAATAA ATTTCATGTT TAGACTTGGG
66801 TCCCATCCCA GAGACACCTC ATTTGGGTATA TGCAAATACT CCAGGATCTG
66851 AAACAATCTG AAATATGAAA CACTTCTAGT CCCGAGCATG TCAGATAAGG
66901 GATCTTCAAC CTGTACACAT CGAAGCAAAG TTACTTTATC AATAAAATGA
66951 AGTTGGCTGT TTGTTGCTGG GTTTATCACA CTGAATAATC ATTTAGCTCT
67001 GATCTAAAGC AAGGAGTGAA AAGTTTGTGA CTTCCAAGTG CTAGAACCAG
67051 AATAAAATAA TTGAAACTAG AGGAGACCAC TTCTAACTT AGGGAGTGCT
67101 GATAGATCAC AAAATTGTCT AACTGAATTT TACAGCATGA GCATTATTTG
67151 CATTTAGTTT CCTGTCCCTC TGTAATTTC TGATTGTTTT GTTTGCTATT
67201 TCAATTATTC ATGTGGAAC TTTGAATGTT AAACATTTT TTTTCTTTCT
67251 GTAACAGAAG CGACACAAG CAGACAATGC AGTTAACAAA AAGAAAACAA
67301 TAGGTAAGAT CCCAGGCTGA AGGACTTTTT CCACCTGGAA ACTTAAGAAT
67351 AAGGCCTGCA TTTAAGGAAT TTTAATAAAG TAGTGAATGG TATTGAGATA
67401 AATTGGGAAG ATGATCTATA AAATAAGAA ATAGTAAAA AACAAACAAA

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67451 CTGAACATAA TTTTAGTCCT GATAATTAAG TTTGAACAGC ATTTGTGTAT
67501 TTTAGAATGT TAGAAAAGGT TGTAATTTTC AGGAACTAGA CAGTTTTTAT
67551 GTCCATAAAA AGTCTAAGCA TTCATGTCCT TCATTTATAA TCTCTCCTTA
67601 CTTCCCTCTT CTACTTTTTA TTGTTTTATT TCTACAACAT CAATTTTTTG
67651 TTTGTTTGTG TCATTTTTTG AGACAGGGTC TCACTCCTGT TGCCCAGGCT
67701 GGACTACAGT GGCATGATCA TGGCTCACTG TAGCTTTGAC CTCCCAGGCT
67751 CAGGTGATCC TCCCACCTCA GCCTCTTGAG TAGCTGGGAC TACAGGCAAG
67801 CACCACCACC CCCGACTAAT TTTTGTATTT TTGGTAGAGA TGGGTTTCAC
67851 CGTGTGCCC AGGCTAGCCT CAAACTTCTG GGCTCAAGCA GTCTGCCTGC
67901 CTTGGCTTCC CAAAGTGTTA GGATTACAGG TATGAGCCAC TCGCCCCAGC
67951 TGTTCAGTTT TTTTAAATT GTGGAACAGC AGGCTTTTTT TTTCTTCTGG
68001 GCTGAAAAATA AGTAGATTTA ACTTACATAC ATACATAAAC ATTTATGTGT
68051 ATGCATGAAT GTATATATGT TACAGAGGTA CATACCATAC GTTGGTGTTC
68101 CATTTTGAGG GTGGGGGTGC TGATGTTATG CCATCATGGC TAAAGATAGG
68151 GTATGTTAGA ATTAATAAAT GGAATTCTAA AAGAAAGCTT TTGGATTTTA
68201 GGAAGCTGAT TCAATTTAAC ACCAGTATTA ACCAATATTT TATTTTCTC
68251 TTTTTCAGTG TTAAGAAATG GTATGTGGCA TACCATTATG TGGAAAGAGG
68301 TAAAAACTAA TTTTAAAGAT GTACCAGTAC TATTGGTTTG AAGACGCGTA
68351 ATGAATTGCT GGTCTTGATT GCAGTATAAA GTTCTGTGTTA GACACAGTAG
68401 AGTTTTCCAT GAGGTCTGCT GAGACCTGAT GCGTGTTCAC TCTGTCCCTT
68451 GCATCTTCTA GTAAGGGCCC AATGTGTCAC TTCAAGCTAT GAACTTCATC
68501 GCTCCTGAGT GACGTTTCTG AAATCTCAAA GTATTTTCTA GTTCTAAAT
68551 CCAATTTGAG AAATATTTTC CCTGGTCCTC TGTTGTCTTA ACCTAAGTTA
68601 AAGTTTATTT TTGTTTTTAG CATTTGTGAT TCTCACTTTA AACATTTTTG
68651 GGTGGAAGG TCATTAAC TAAGAGTGGT GAAAGGGGCG AAGAAACCAC
68701 CCCATTTCCG TTCTAGCACA GCAGTTAGCT GCTCTTAATA ATAGCAAGGA
68751 AAGCTTTGCT TCCACGTCCC TGAAGTATG AGGTTTAGAG GGTGAAGAA
68801 TGGTGTGGTT TTTTGGTTGT TTATGGTGAT GAGTAGAAAA TTTAGAAGAA
68851 ATCTGCCATA CCATCTAGGT ATTTTATATC TCATAAAATT AGCTTTTTAA
68901 ATGAGTGTTT TAGCTGGACC TTCTTAATGG ACACAAGATG TGTGGGGGA
68951 TGACTCTCAT TAGTCCAGCA TTCAAAGCCG ATTAACATGA TTTCAAAAGA
69001 AAACAGCTTT TTAGAAGGGT AACTTGAAGT GGTCTTCTT GCTAAATAAA
69051 CATTTAATAA ACAATGTTTT TAAATGCCTC TTACAGTCTT TTATATCTGA
69101 AAAATGCCCG TGATATGGTA ACTGCAGCAT TTGCTTTAGT TTTCTGTTTTA
69151 CTTTACTTTG TTTTAGGAGA ATTCGCCACC CTTTAAAGAA ATTTCTCCTT
69201 TATAGTGTTT TACAGTAACA CCTTAACCTT TGCTGCAATC TTGAAGTTGT
69251 ATGCTGCAAA CATTCACTAA CCTCACGTTT GGAAAGGTCA TGGTTCTTGG
69301 TCAGGAGGTT GGGAAATCTT GACTCAAAGT GGGAGAGATG CTCCCAATGC
69351 TGAAGGAATT CAAGGGTTCT CCCAGCACTG GGAATTTGCC CCTCTATTTT
69401 TCTAAGGTT TCTTTGTTAC TCCCTCCCCA GAAAGGTATC AGTATCAGCT
69451 AGAGTGAAGA ATGATTGGA TTCAGAGGGC CTGACATTAC TTGAAACAGC
69501 AGAAAATGGA GTGATGGTCT CTAATTGATG GTCTTCTGTG GTCCAGGAGC
69551 TGACAGCTTT GCAGACTCCT AAAACTCATG ACTGTTTCCA TCGTTTATTT
69601 GGGAGAAAAA CAACAATAAC AAAGAAACAC CAGTTATGTA CTGTACCGCA
69651 TGCAGTTTTA TTTCCATTTA AAATGTATTT ACTTGGTTTA TTTCACTGGA
69701 GCTCCTGGCA TGTGCCAGAG ATTGTACTAG GCATGGGAAG AATGAAGCTC
69751 AGCGCTTCCC TTAAGGAGTT TCAAACCTCA GTGGGCATCC CAGTACCGCT
69801 CCACAGAGCT GCTGGAACCC AGATGGCTGG GCCCACTCCC AGGCTATCTG
69851 ATTCAGTGGG TCTCAGGTGG GGCCTAGAA TTTGCACATT TAAACAAATT
69901 ACTAGTTGAG GCTGATGCCG ATGGTGATAG GAGCACACTC AAGAACCACC
69951 GGTGTCTTGG GAGAGAGAGG CAACTAACCT AACGCAGTGC AGTTGCTGAG
70001 CTCTGTGTAG GAGAAAGCTT CCACCTTGGG AAGAGCTGGG AGGGGCCACC
70051 TACCTAGACC CAGTGGTTCA GATCAGGAAA GTCTGCCCTC CAGAGATGCT
70101 CTAGTGCGCT CTTGAAGGGT GAATCAGGGG TAACTAGCTG CGGAACGTGT
70151 AGTAGTTCAA TGTGAGGATG AGAATACAGG AGAGGGCAGA GGTGTCAGGC
70201 AAGGGGAAGC TGGCTGTCTT TAAGGTCCCC AAAATGATAA TAATCTAATC
70251 TGAAGTGCTG AAGCTCAGAT CTGCTGTCCC CTGGGCTGTA GCTGAGTCAC
70301 GGGTGAGCGC CAAGAGGCAG CTCTCAGGTG GATCTCAGTG GCTTTGATTG
70351 ACTTCGAGAG GATCTTTTCT CACTTCTCTC AAAATTAAGA GACTTGAGGA
70401 ACTCTCTGAG GCTAGAGTGG ATTCAGGGAT CTGGAAGGTT TCTGTTCCCA
70451 GTGTACTAAT TCTTTGAGGG AGTATTGCAC ACACAAGGAA CAATCATGTA
70501 AGAACATTAA AACCATTTC AGGCCGGGCA TGCTCACACC TGCAATCCCA
70551 GCACCTTTGGG AGGCTGAGGC AGCTGGATCA CTTTAGCTCA GGAGCTCAAG
70601 ATCAGCTGGG GCAACATGGT CAAACCCCAT CTCTACAAAA AAATACAGAA
70651 ATCAGCTGGG CGTGGTGGTG CGTGTCTGTA ATCCCAGCTA CTGAGGAGGA
70701 TGAGGTGGGA GGATCACTTG AGCATGGGAG GTGGAGGTTG CAGTGAGCCT
70751 TGATCGCACC ACTGCACCTC AGCCTGGGTG ACAGAGCGAG ACCCTGTCTC
70801 AAAAAACAGAA AAAAAACAA CAAAAAATAA TTTTTTTTCA AGCAAAATCC
70851 AAGTAAGTCA TTTCTTATGT ACACAAAAC TCTTAGTACT TGTTACTTGG
70901 AATATGAATG TTTATTTAGA GAGTAAAGAT GAGAGAAAGC CATAATTTCT
70951 CTTATCTCTC CACTTTGAAT TTAATAAAAT CCACTGCCTT TTTTCATTTG

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71001 AAAACATGAC AAATTTTCTT GTCTAGTGGT TTTTCTTTA CTAATTACTT
71051 CTTCTGATTT TTATATGTAA TTAACTATT CATATGAAAT CGTTTTAATT
71101 TTATTTTATT CTTTTTAGAC GGAGTCTCGC TCTGTTGCTC AGGCTGGAGT
71151 GCAGTGGTGC CGTCTTGGCT CACTGCAACC TCTGCCTCCT GGGTTCAAGC
71201 GATTCTCCFG CCTCAGCCTC CCAAGTAGCT GGGACTACAG GTGCCACCA
71251 CCATGCCCCG TTAATTTTTT TTTTTTTTTT AGTGAGATGG GGGTTTCACC
71301 ATGTTAGCCA GGCTGGTCTT AAACCTCTGA CCTCAAGTGA TCTGCCTGCT
71351 TCGGCCTCCC AAAGTGTGG GATTATAGGC GTGAGCCACT GTGCCTGGCC
71401 AAAATATTTT TACTTTTAA AAAACACTTT CAATTGACAT AACATCCATT
71451 GCTTTGTAC TGGTGGTGT TAAACAGCT TTGTGGCATT TTCCCCAGAC
71501 ACTTTAATAA ACAACTTAAA GCACCAATAG GATACCTTC AGTAAATTTG
71551 CCTTTTCC CACAGAAAAT TAAACATGGG CACCTGCTAG CTGTAAAGAT
71601 CTGGCAGTTT TTCACAAGTA TCGTATCACT TGAAATTCCT GGTTCCTAAG
71651 AGAATAGTAA CATGGCTAGA ATAGGAAATA GAAAGCATAA ATGCCCACTT
71701 TGAGCTTTCG AACTATTACT GTACTAGTAA TGGTCTTCTG GTATCGTCAG
71751 AGAATTCATA TGTCTTGTAC CTTCACTCTC ATGATGCTCT TTCAGTTATG
71801 CTCCCACTGA TGGAGACTGA CATTTATATG GACCTGTTTT ATGCCAGGTG
71851 CCGTGTATAC TTCTTAGTTC ACTGCATTCA CCTTACAAG CCGGTGGCAC
71901 TGTTCCTG TTTTACACAT GACACGCTGG GCGCTGGGA GGTGAAGCAG
71951 CTTGCGGAGA TCACAAAGCT AGCACACGGC TATAAAGCTA GGATTGGAGT
72001 TAGGCTTGCC TGATTTGAAA GCCCCTGTTC TCTCTACCCT AGTGCTTTCT
72051 GCGATGTTAC TGAAAGGATT GGTAGACACT TCGCCATGGT ACCATTTTGG
72101 AGACTACAGC CCTTTTCTT GGCTTGAGAT CTTCTGTCTA GTGGAGTCTG
72151 TTCCCCAAGG TGGTCTCTGA CTTTGGCCGT GATCCTTTTT CTGGGAATTT
72201 CTTGAGGCTG TACAAATCTT CTCCATTTTA TGTGTTATAT TTCCAGGGGG
72251 ACTTTTCAAGT GCACTTTTC TGGGTGAATT TACTGTTGCC TTTAATCAG
72301 AGCATTGGCC TTCCGTGCAG CTTGCCAGT TTTGAATCCT GGTCTAACA
72351 CTCAGTGGCT GTATTACTGT GATCAAGTTA CTTTGTTC TGCACCTCAA
72401 TTTGTAAAC AGAGAAAAAT TTATAAAACA GAGAAAAAT TATGTGTGTT
72451 AACTTAGTTG ATCCTTGTAG TCACTCTATG AAATATGTGC CTTTATCCTC
72501 ATTATATAGA TGAGGAAACT GAGGCACACA GAGTTTATAT AACTGTTC
72551 TCATTACACA GCTCATCAGG GGTGCAGTGG GGATTGAGCC CAGGCTTTAG
72601 GCTGGCTCTG GTGGTGTGTG CGTGACCGTT CTACCCTACT GTATACAGCT
72651 ATGGAATGCG TGAAGTATTT GTAATGGAT GCATAATTGT AAGAAAACGA
72701 GATCTTTATA GCTGTTCTGA CTTAGCCCTT TTCTCCCTT CCCTTCTCT
72751 TTTTATTAAA CATCATTTGA AAAAAAGGCA ACATTACCAG TGTCTGCATG
72801 GAAGCACTTT CCTTTTGTTC TTGTCAAGGA AAATAATTTG GGCTTCTCTA
72851 TCTTAACTT CATGGCTTAG TTATATAATA ATTTTTTCTT CAAATATTTA
72901 AGCACCTTTT TCACCATGTG TGTTTTGTTC CTTTTCTTTC GTGCCCTCT
72951 GTCTCATCC CTGTCTCTCT AGGTGGCAGT GGGAGACATT GTGAAGGTCG
73001 TCAATGGGCA GTATCTTCCA GCAGATGTGG TCCTGCTGTC ATCCAGGTTA
73051 GCTGTGCTAG TAGGCACCTT TTTTGCAATA AATGTTAAGA ACAATAAAAT
73101 ATTAAGCAGC ACCTGGGGCA GTCTTGAGCA GCCTGTTCCC TTCTACCATC
73151 CTCTCTCTGT CCCATCTTTC CATTTCTTGT CATTTCCTT CTCTGCCAT
73201 GACCTTTGGT TTCTTTCTCA CATTCACTCC TTTGTGCTT TTCTGAACCT
73251 TTTTATGTGT GTTGACTCCA CTTAGTCTCC TGGCTATTTG GGGTTTTTTT
73301 CTTATTTATA GGGGCACTGA GTCAAGAGCA GTGGAGTGGT CCATTCAATTA
73351 ATGTCAGTTT GCAGCATATC TGAGATTTCA GAATCTGTTT CCTGATGGGC
73401 CCTGCCAGCA GTCTGTCTG CAGAACCCAG TGCTGCACAT TGATAGCTGT
73451 TCAGAACCA TGGGTGTTTT CTCAGCGTAA TCGTGACCAG CAGATGGTGT
73501 TTGCTCTTCA TCCATCCATG TTTTGCCCTT TTTCTGTCCA AGTATCATTT
73551 TCATATTCTC TAGGTAGTTT TATTCTAGGA AGGAATCATC ACTCAGTGCA
73601 GTTCTTGACT TTTTGGGGC TTGGTGCATG AAAGTACATA GCTAGGAAAG
73651 AAAGCCAAAA TTAGGTCAAG AATTGACATC TATTCTTGAA TTCAAGATTA
73701 AATTGTGTGA CGTTAGGACT ATAACCTCCT ATATTTATAC ACTGTTGGGA
73751 ATCATAGATC GGCATGCTGT TTGCATTTTC TTTGATTGCA GACAGCGTTT
73801 CTTGTATTGA AGTTAATCAC TCATTGGATT TTAAGCCTAA GCATTAAATTT
73851 TCTGCTTGAG ATAATAGATT TAAAAATAGG ACTCCAGGCC TGTGGAGGGG
73901 GAAAAAGAAC CAATAACACA GGGCAGGATT TATGTTTGTG CATATTGATT
73951 GACAACAAG AAACCTTAG AAATATTAAA ATATTGATCA CTTGATAGTT
74001 CGGGCTTTAA GTCTTTAAGT CTTGGCTGTG ACCTTAGAAA ATTTAGTGTG
74051 TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG TGTCTTGTG TTGTTTTGGA
74101 GACAAGGTTT TTAACCTGTC ACCCAGGCTG GAGTGCAGT GCTCAATCAT
74151 AGCTCACTGT AAGTTCAAAC TCCTGGGCTC AAGTGATCCT CCCATCTCAG
74201 CCTCTGAGT AGCTGGGACC ACAGGTGCAT GCCACCATGC CTGGCTAATT
74251 TTTAAAAATT TTTTGTAGA GGCTCATTTT TAAAAATTTT TTGTAGATGT
74301 TGCCCAAGCT TGTCTGGAA CTCCTGGCCT CAAGCAATCC TCCCGCCTTG
74351 GCATCTCAAA GTGCTGGGGT TACCAAGCGT GAGCCACAGT GCCCAGCCAG
74401 TTTTTTTTTT TTAACCTGGT CTTAATACCA GATTGCTTTA GCTGACATCA
74451 TGTTTCCAGC ATGCTCATTA TTAGTGTCTG AGTGTGTGCT GTGTGTGAA
74501 CAACCTGTTG AGGAGGTTGT CCCACTTAAT CTTCCCAATA ACCCTGGATA

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74551 GCCTTCTTTT GTACATGACA AGATTGAGAT ACGGAGAGAC TAAACAATTT
74601 GCCAAGGCCA TATAGCCCAT AAAGGTAGTG CTAGGGGATT TTTACCTTAA
74651 CTAGTGGTTT TTAGTTGGA AGAGTCAAGG GGTGGTTAAT CACTAACTGT
74701 GTGAACCTAG CTAAACTCAA AGATTAGAAA TAGGATTATA ATATCTGTTA
74751 TGCTTATTTT TATTTTTCGA GTTTTCTATC TTTAATGCTA GGTGTTTGA
74801 TTA AAAAGTT G GACTCGAGA TGTA AAAATG GCAGAGAATT AAAGCCTTGC
74851 CAAGCCTGTG CCTCGATCCT TCAACTCCTC TGGCTGTTGT TTTCTTCAAA
74901 AAATGTGTGT TTCTACTGGC CATGCCTTGG GCAGCCTTTT TGGTCAGGCC
74951 CAGCCCCAGA CTTGAAGGAT TGCCTGAACC CAGTGGTTGG GTCTGACTGG
75001 GGACATCACA TGTTCCCTT TCTCTTTCAT CTTCACTTCA TTCCTGTCTT
75051 CTTGAGGCTC AGCAGTCATT ATGTGGGGCT TACAAAGGCA GATCATCTGG
75101 GCAAATGACT CTCTACTGGT ACTGAGTCCC AAAGATGAGT GTGTGTTTCC
75151 TTTTTCATCC ATTACTCCTA CTATCGTGGT TATTATAAC AATTTATTTT
75201 GAAGGGCCAA TCAGCAGACA CAGATTCCAT AATAGAGATT TTCTAAACTG
75251 TGAATTTGTG GAAAGGACCT TATGAACTT GGCTCTTTT TTTCTCTCC
75301 TTAGTGAACC TCAGGCAATG TGTATGTTG AAACAGCTAA TCTGGATGGG
75351 GAGACGAACC TTAAATACG TCAGGTAAAG TCACCTCTGA TGA CTTGTGT
75401 TGTATGGTA GACACAAC TG CAAATGTGGT CCCCACATAT CTTTTCTAG
75451 AGAAATAAAA TATTCAGCCA CAAAGGGTTA TGCTTAGCC CTAATGGAAT
75501 CTATGGGAAG AATATGCCAT TTATGATGAG AGAGAATGTG TCTCGAAAAA
75551 GTAGGCTGCA TCAAACTCTA GGTCATGCAG GGTGCCAGGC CTT CATATAG
75601 CGTCTTATTG AGTCTCTGCT CTGTGATGCT GGAGAGAGGG GACATCTCGA
75651 TGAAGCTGAG TGGCTGGGAA GGACACAGCT TAGTGGACAA ATGGAGCAGA
75701 AAAGCTCCAG TGACCCAGT TTACATCATT GTTGTAAATA AGATTCTAAT
75751 CCTAGAGGGT GATATAATTA GATAAAAAAC TTCCATGCCT TAAAGAAAAAC
75801 TATTCTTACC ATATATTTTA ATTCTAGGAT GAAGAATAGT CTTTTTGGT
75851 TCTTTTTTTT TTTTGTAGAT GGAGCCTTGC TCTGTTGCC AGGCTGGAGT
75901 GCAGTGATGC GACCTCGGCT TACTACAACC TCTGCCTCCC GGGTTCAAGC
75951 GATTCTCCCA CCTTAGCCTC CCGAGTAGCT GGGACTACAG GTGCATGCTA
76001 CTACACCTGG CTTAATTTTT ATATTTTTTT AGTAGAGATG GGGTTTCACC
76051 ATGTTGGCCA GGCTGGTCTC GAACCCCTGA ACTCAAGTGA TCTGCTTGCT
76101 TTGGCCTCCC AAAGTGCTGG GATTACAGGC ATGAGATACT GCACCCGGCC
76151 AAGAATGAAG AATGGTCTTT AACATATAAA AATTTTAAGC ACTTTGAAGC
76201 TTA AAAA AACT TTTGCTGCTT AAAGTTGAAT TCAGCAATTC TATCCATATA
76251 TCTTCTTTT CTACTGTAGA TATTGCTTT AGACTTTTT TTTCCATTTA
76301 AAGAACAGT ACAGCCTGGG CAACATAGCA AGACCCATC TCTACAAAAA
76351 ACTTAAAAA TAGCTGGGCA TGATGGCACA TACCTGTAGT CCCAGCTACT
76401 TAGGAGGCTG AGGTGGGAGG ATCACTTGAG CTCAGGATT TGAGCCTTCA
76451 GTGAACCATG ATTGCACCAC TGCCCTCCAG CCTGGAGGAC AGAGTGAGAC
76501 CCTGTCTCTT AAAGAAAAAAG TGAAGAGTGC TAGATAATGT AAAATATTGG
76551 AGGGCTACTC TATTCTATCT TTATGACCAG TGTTAGAGTA CAGCTAGTAG
76601 ATTATGCTTG CTGTAAGGTG CTGGGGTATG TTAATTATTA CTTATGCACG
76651 GATGTTTCTA GTACAGTGGT GGAATCTTAA CTTTCAGCTT CATTACATTC
76701 TTTTGCCACT TTTGCATTAG ATCGTTGTGG CAAAAGCTAC TGGAAAAGTC
76751 TGCCTTGAGG GGCTGACAGT TTGACTTGT AGCCCCCAA ATTATTGCAC
76801 TGGAGATGCC TTATTTTTC TTTTGATTAA CCATAGGGAT GCTGAATGGT
76851 GTCCCTAAGC ACAGAAGATT GTGTTGACT TCCTCTTTTG GTTTAATCTT
76901 TTAGGGTTTG AGTCACACTG CTGACATGCA AACACGTGAA GTTCTGATGA
76951 AGTTATCTGG AACTATAGAG TGTGAAGGGC CCAACCGCCA CCTCTATGAC
77001 TTCCTGGAA ACTTGAACCT AGATGGGAAA AGGTATTATA TGCCCTTTTCT
77051 TCATTGTCTT TTA AACTATG TGACTAAGAA TTACTGGAGC TTTGGAAAAAT
77101 ATGTTTGTCT CTTAGTTTGA TAATATTTTA AAACAGTGAG ATTTTCATACC
77151 CTTTCAATTA ATTTAAAGCC TTCCTTAGAT TTAAGAAAAA AACCCTGAGC
77201 CCAAGGGCCT CAGATGAGGC TCAAAGCATG TGGCATATTC TTTCTGTGCC
77251 TACTCTCTGC CAGGCAGGAG AAATGGTTTT AGCTGCATAA AATTGTCCAG
77301 AAAAGCAGAG GAGAGTTATC TGAGGTGTAT ACAAGCTAAT ACACCTTGTA
77351 CAGAAATGTG TGTATGTGTA TTTTTTTTTT TTTTTTGCTA ACCACCTTCT
77401 AAGGAGCGTT CATTTGTTTT TAGAAAGTTG AGTGAAATGA ACACCTTATTC
77451 TTCTTTTAGA ATATTCAGTG CCCTCCTGTC TATATCTGT TATCTTTGTT
77501 CTTCTGGCAT TTGTTATGTT GTTCTGGAGT TGTCTTTTGT TCTGATGTTG
77551 GAGAGCAGTT TCTACCTTCT GGCCATGTTT GTCTAGAGCC TCTTGCCAAT
77601 GCCCCCTCCA ACCCTGTAAC CCAGCCTCTT GCAATGTCCT TTATATTTTG
77651 ACGACCCAAG GCTTGGAAAG ACCTGATCAT AGGAATCAAC CCAATTTATT
77701 ATAAATATGA CAACTAAGTG TGACTGCTTC TTGGTTTCAT TTAGCATACA
77751 TAGCTATACT ATGGGCTCCC CATTCTGAGT TTCTAAATTG TCACTCAGGT
77801 CTTTATTTAC TCATTAAGTC ATCCTTAAAA AAATGATAT GATAGGTTGC
77851 TGCTTTTTAA AATTTTACTC CTTCTAATA GTCTGTAAAA TACACTAGAT
77901 TTATTTTACA AATAATAATA ATAATACTTC CAATAATAAT ACTTAACTAC
77951 AAATGAGTAA GCTTTGGTTG TTATTTTAGC AACTTCCTTT CTGGGTATTG
78001 AGTTTCATAA CAGGATCATG AGAGATATAA TTACCTGCAA CATTTTATAG
78051 AAAAAGCATT TTTTTCTGT AGTGATGAAT GTAAATAAA GCTTCTGTG

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78101 GGTCTTTTG GGGTAGATTA AGCCAATGGT AACCTTTGTT GTCTGTGTTT
 78151 CTCAGTGAAG TAGTTCAAAT TGGAGGAAAG GGAACATTG ATTTATGTG
 78201 GGTTTCATGTT TAAGGGAAAA ACTCATGCTT ATTTCCAGA CTATCATTA
 78251 ATATCATTGT TGTTTTTTAT TTTTAGCCTT GTTGCCCTTG GGCCTGACCA
 78301 GATCTTATTA AGAGGTACAC AGCTTAGAAA TACTCAGTGG GTCTTTGGCA
 78351 TAGTTGTTTA TACTGGACAC GACACCAAAC TCATGCAGGT AAAACATTTC
 78401 TATGCTGATT TCAGTCTTTT TTTTCTTTCT GCTTTTATG ACTAGAAGGT
 78451 GGAAAATGCA GATGTTGCAT TTAGGAAGTT CAAATTTGTC TATGAACCTA
 78501 AATTTGGAAA GAACTGCCTT TATTTTAGTT TCTTAGGTAG CTTTTCTAG
 78551 ATTTCTGTTT TCTTATCTGA TATTTGTTAC CGTATGCCTG AACTACAAAT
 78601 GGTCTTTGTT TTCTGGATTA GGGGAACAAT CAATTCCTAAC TTATTTTATC
 78651 TTCTGGACTT AAGCGGGAAT TAGTTCTAAC TTTTAAATTT CTCTTTCTAC
 78701 TTCTCCTCTT TATCCCATTA ATTAGGATTT TATAGCAAAT TGCCTTATTT
 78751 AACTGAACCT TAGAGACTTT AAAATCAGTT ATTTTGAAC CGTTTAGTTT
 78801 TCATAGACCG AAGAAAAAAA TGAAGTAAA ATGATTTTGC TCTTTTCCC
 78851 TGTTAATGTT TTTTAAAAAA CTGTTTGTTGA ATTTATAGGT CACATTGCTA
 78901 TTATGATGTA TTTTGCCAGA CACCTTTTGA AATTCCTACAG AAATCAGTGT
 78951 CCCTGTATGT CATTTCTTAC ATTTGTTTGG TATCACTTGG CATCTTATTT
 79001 TTGCCAATGG TGCTATTAA TGAGAATTGG CTTTTCAGCT TGTCTGTTCT
 79051 TTTGTATAAC TTCTAAAAAT CACATTGGC TGTATTTCTT GATTTAAAAA
 79101 TATTTAGTGA CCACGTACCA AGTCTAGTGC TAGACCATAT GGGTGCAATA
 79151 GTGAAAGGCC CAGGCTTATC CTCGGGGAGC CAGTTGGGCT AAGGAGTAAT
 79201 ATAGAATGAC AAAGTAGAGA GAGAGATACT GGAATGTGTG TCATTACTAA
 79251 GTGCTGTGAG TGTGTATAGG AGGGTCATTC AACCTAGGCT GGAAGCCAGT
 79301 GGACTACATG CTAAGAATGA TTCCCGTGGC AGAAGCACAT TTTAGATATC
 79351 GAGCTAGGGA AGGGAGACTG TGTGTTGGT CTCCTCTTTG AGGTCAAATG
 79401 ATAGTCAGAT GAAAGAGGTA AGTATTAGAG GAGATGAAGC AGTAGACGTT
 79451 GGTGGCCACC GCAGCTAGTA AACACATTGG AGACAGGGAG GAGAGATGGG
 79501 ATTAGAAGGG TTGAGAGACT CCCTGAAGTT GAAGAGGATT GTTGGAGTTG
 79551 CTGAGTGACA GGCTGATCAG TGGGTAGAAT CTGTCTTTG TATTTCTGGG
 79601 GTAGAGAGTT TCTAGCATGG GAGACCTGGG AGTGACTCGT GTGAGTAGGA
 79651 AGACAAAGGC AGAGCTGTTG AAGGCCATTC AATGTTGACA AGTAAGGAAC
 79701 TGAGAGACTA AGGCATTTGA TGGGCCAGTG CTGTGATTTT GAAGATGCAA
 79751 TAATGGTGAA GCTGGGCCAG AAAGGAATGC CATGAGCCAG TTGTCAAGTC
 79801 TTCTGTGAGT GACAGGGAGC AACTGAGAGG TGTGGCCTGG CTACGGGGGA
 79851 GGGGCAGAAG GTAGTGTAGC CAAATGGCGT GAATTTTATG AGTGAGTTT
 79901 TTTTTTTTTT TTTTTTAACA TGGCATCCAA GGAATAAAGG TCTAGAAGTA
 79951 TTTACTAGTTC TTGAATATAC ATCCAGTAAT GCTACCTTCA GAGGCCAAAG
 80001 GATGCAGATG TCTACTGGCG CACCGTCTGC TTGGGGGTAC TCAAGGGAGG
 80051 CGTGTCTTTG ACTTGTGAGG CAAGGAGGAG AGAGCTCTTG AGGGAGTGGG
 80101 AGTACAGAGG GAAGTTCAGG AGCTGGAAGG GTAGGGGCCC AGGTGCAGTG
 80151 GCCTGTTGCA GAGCTTGTGT GTTGAAGCAA GGCGGGAGGG CTCCATGGCA
 80201 GCTAGAAAAA TGAAGAGTTG GTGAATGCTG AGAGGCAGCT CTTGGGTGGA
 80251 TCAGGATTAT TTAGTGTATC TGAAGTGTGC CTGATCCATC GCCCOTGCTA
 80301 GGTCTTTATC CATTCCACAAG GGCTGACTGG AATGCTTTAA GTTTATTGTT
 80351 TCTGAGCGGC CTGCATATGA AGACTTTATC TTGATGAATA GTTTAGTGCT
 80401 GTAGCCATGC AAGAACTCAG GAGGCTGAGA TGGGTGGCTC ATTGGGACCA
 80451 GGAGTTTGTG ACCAGCCTGG GTGACATAGT GAGACCCCAT TTCAAAAAAA
 80501 AAAATAGTTT AGTACCCTGC TACCTAGAAA GTATCCCTTA ACTCCCATAG
 80551 TGCAAGTGCA GTAACCCTTG CTGCACGCTT TGGGAGCTCC ACTAACCACA
 80601 AATCACTACT TCTGGCTTTT GTTTGTTTGT TTGTTTTTTG AGACAGGGTC
 80651 TGGCTTTTGT GCCCAGGCTG GAGTGTGGTG GCGCATCTT GCCTCACTGC
 80701 AACCTCAGCC TCCCAGGCTC AAGCCATCCT CCCACCTCAG CCTACTGAGT
 80751 AGCTGGGACT GTAGGCACAC ACCACCATGC CCGGCTAATT TTTGTATTTT
 80801 TTGTAGAGAC GGGATTTTAC CATGTTGCCC AGGCTGGTCT TGAACCTCTG
 80851 AACTCAAGCG ATCCACCCAC CTTGGCTTCC CAAAGTGTG GGATTACAGG
 80901 CATGAGCCAC AGTTCACAGC CTACTTCTGT TTTTATGAT GAAGTGGCAG
 80951 ACAGATCATG GGTAGCTAGC TCACATTTGG TCAAGGCCCC AAAGCTAGTT
 81001 TTAAGATTGT GCATATTATA AATTTAAGCA CTTTCCAATA TTTCTTATAC
 81051 ACTGGGTTTT TTTTAAACAG ATTGTAATAT GGTTTTTCTA GAGCATACAT
 81101 TGGTAATATA GCTTTTGCTC TAGAAAACCA ATATTACATG AGTTAATTAA
 81151 ACTATCTTTT AAAACGCTCC AGTCTTCTCT TCAGTGAGTA AGGCATGCAC
 81201 TGAGTTTGCA TTTTGTGAGT GTGAGAGGCA CTTTCCCTTG TCCCTAGGTG
 81251 TGAGAAACCT CTTTGCAAGG CTTCTGTCAT GTTGACTGCT CATGTATAGA
 81301 ATGATGGAAA ACCCCAGAAA CATCTGTGCT AGACCTGCTG TGCCTTTAGG
 81351 GCTGAAACAA CAGGTAAAAA TAATGAGCTT TCAAAAGGAA TATAACACAC
 81401 ATAGCTGGAA GCCATCCTGT TTGTGAAATA ACATTGTTT TCTGTGCTTG
 81451 TGCTACTTGA CCACAGAGAG GAAACTCAAT TGCTGTCGGG TTCTTCTACC
 81501 TTTTTTTTTT TTTTTTGAAG TCTCTCACCT CAATGCCTTT TGCCCTTCAA
 81551 GTTTCCTTCA GTTCATGTTT AGTTTACTTA CATGTAGAAA TATTTATGTC
 81601 TATAATTTCT ATTAGTTGAT TTAATGGGAA AAAGAGCGAT TATCACACTA

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81651 ATTACAGCGA ACATAATTAC AACAAATCAT GCACTATTTT GAGTGATGCA
81701 CATATATCAA TTCATTATTT CCTCACAATG GCTAGGTAGT ATGTGCTCAT
81751 TTTACAGATG AGGAGGCTTG CAGCATAGAG TCTCCTAGTA ACCCAAGCTT
81801 ACAAACACTAG TAGGATTCAA AACACAGGCA GTCTGGCCGG GGGCAGTGGC
81851 TCACGCCTGC AATCCCAGCA CTTTGGGAGG CTGAGGCGGG TGGATCACTT
81901 GAGGTCAGGA GTTCGAGACC AGCCTGGCCA ACATGGTGAA ACCCCATCTC
81951 TACTAAAAAT ACAAATAATTA GCTGGGCATG GTGGTGCATG CCTGTAATCC
82001 CAGCTACTCA GGAGGCTGAG GCAGGAGAAT TGCCTGAACC CAGGAGGCAG
82051 AGGTTGCAGC GAGCCAAGAT TGTGCTGCTG CCCTCCAGCC TGGGTGACAG
82101 AGCCAGGCTC CGTCTCGAAA TAAATAAATA AATAAATAAA AATAAAAAAT
82151 AAACAAATAA AATAAACAAA ACACAAGCAG TCAAACTCCA GAGTCAGTGT
82201 AACCAGGAG TCCCAAGGCC CCAAGCCACA GACTGGTACC AGTCTGTGGC
82251 TGTGAAGAAC CAGGCCCTAC AGCAGGAGGA GAGTGGCAAG CAAGCTAGTG
82301 AAGCTTCATC TGTATTTACA GCAGCTCCCC ATCCCTCACA TTACTGCCTG
82351 AGCTCTGCCT CCTGTCAATC AGCGGTGGCA TTAGATTCTC ATAGGAGCGT
82401 GAACTCTGTT GTGAACGCG CATAAAGGG ATCTAGGTTG CTCATTCCCT
82451 ATGAGAATCT AATGCCCAGT GATCTGTCAC TGTCTCCCAT CACCTGCAGA
82501 TGGGACTGTC TAGTTGCAGG AAGACAAGCT CAGGGCTCCC ACTGATTCTA
82551 CATTATGGTG AGTTGTATAA TTATTTCACT ACACACTACA ATGTAAGAGT
82601 AATGGAATTA AAGTACACAA TAAATGTAAT GCACCTGAGT CACCCCAAAA
82651 CCATCCCCAC CCAAGTCTGT GGAAAAATTG TCTTCCACGA AACCAGTACC
82701 TGGTGCCAAA AAGGTTGGGG ACAGCTTTTC TAACTAGAAT TCAATGGCCT
82751 GTTCTCAGG AGGGAATAAA ATATCTAAGA TACAGTCTG ATTTCAGCTT
82801 TTCAAAATCT GACATTTTGA CCTGTTTCTA TTTATAAGTC CGTTACACTG
82851 AAGTAGCTGG GTTCTTCAAG AATTTTATGG AAGAATTTAT AATACTTGTA
82901 GGAATTTAAT ATTTAAAGCT CATCATTTGG CCAGGTGCGG TGGCTCACAC
82951 CTGTAATCCT AGCACATTGG GAGGCGGAGG TGGGCAGATT GCCTGACCTC
83001 AGGAGTTCAA GACCACCTG GGCAACATGG TGAGACCCCT GTCTCTACTA
83051 AAAATACAAA AAATTAGCTG GCGGTGGTGG TATGCACCTG TGGTTCACAG
83101 TACTATGGAG GCTGAGGCAG AAGAATCGCT TGAACCTGGG AGGCAGAGGT
83151 TGCAGTGATC CATGATCAG CCACTGCACT CCAGCCAGG TGACAGAGTA
83201 AGACTCTGTC TCCAAAAAAC AAACAAACAA ACAAACAAA AGAAAAACCA
83251 TCATTGATCA TTGCAAGTAA AAATGTTTCA GGGGTGGGAG TCAGTAGGCC
83301 AAGGTTGGCT TTCCACAAAG TGCACATGTT GAAGCTTGAA GTTTTGGGAT
83351 TGTTCTCTCT CTGTTAGATG AAAGATAAAG TTTTCTAATC CTCCTAATTG
83401 GCCAGAATTG AGCCACTGAA AAAGATAAAA AGTCAATAAT AAATGGGGTA
83451 TAGAAATGAG GTTTATGATA ATTTTCTTCC TGCCTGTACA TTTAGTGAAT
83501 ATTTATTAAG AATGATGAGA TCTTGCTTAG TTTTAAAGAG TTAGGATGAC
83551 CAGTCTGGA CCTGGCCTGC TGGCCCTTAC GTTGAAGCCA GACCTGGATG
83601 TGTCTGCTCA GTTGACCTTG ATACAGTATT TGATTGATGA TAAGTTGGCC
83651 TTTACTAATG GATTTCCATT TAGACTCCTG AGGATTTTAA AGTCCGTAAA
83701 GGATGAATAA TTTAGACAAA TAAAGTAAA GGGAAAAAAT AGAAATAAAG
83751 GAAAAAGCTG CTGTGTTGTT TAGATATTTA AAGGACTTAG CTTTTCAAAA
83801 TCACCCAGTAC AATCCCCCAA CTCCTCTGCC CCCAAAGAAA ACTGTGGGGA
83851 GATAGTATTT TTGGTTTGCC AATAGAATTC AAATAACAAT TTCAGTGATG
83901 TGGTATAAAT TTTTCTTGGA GCTTAGGAGT GAATTGCCCTC ATGTTTTTCAT
83951 CTCAGTTTTA TTTTCACTT GTGACTTTAT TTGTATTCTT ATCTTTGGAG
84001 ACATTTTTCAT CCTAGCTCTT TTAATGATCA GATCAATGGA GACTAGTGAA
84051 GGAGAATGCT GACTTAAGTT TGGCACAAGG TACCATTTT ATGGTTAGTG
84101 CCTTACAAAC TCTCAGATTA TCCAACTTG GCAAATGGT GTTGTCTCTT
84151 AAAAGTCCGG GCCCGGCCGG GCGCGGTGGC TCATGCCTGT AATCCACCA
84201 CTTTGGGAGG CCAAGACGGG CAGATGACAA GGTGAGGAGA TTGAGACCAT
84251 CCTGGCTAAC ATGGTGAAAC CCCATTTCTA CTAAAAATAC AAAAAAATTA
84301 GTCGGGCATG GTGGCGCACA CTTGTAATCC CAGCTACTTG GGAGGTTGAG
84351 GCAGGAGAAT CACTTGAACC GGGGAGGCAG AGGTTGCAGT GAGCCGAGAT
84401 CGCACCACTG CACTCCAGCC TGGGCAACAC GGTGAGACTC TGCTCTAAAA
84451 AAAAAAATAA AAGCCTGGG CCCATGATTC ATGGAAGGAG ACCTGCAGGC
84501 TGACACTCCT GTGTGAGCCT CTCCTGTGCC AATTCCTGAC TTCTGATTTA
84551 AGTCAGGAAT TATTTACCCC CCAGGAATGG ATTATAAATA ATCCCCCTGT
84601 GGCTTTCTCT TCTTCAGTGT CTCCTTCCCC AACCTGCTGT TATTACTGTA
84651 CTGGTTTCCT CTGGCTGCTG TGACAGATTT CCACAGTTT AGTGACTTAA
84701 AAAACATGA GTTATTGTGC TGCAGTTCTA TAGGTGAGAA GTCTACTATG
84751 AGTAGTAGAC TCCCTGTGCT AAAACCCGAG ATGTTGGCTG CTCCTTTCTG
84801 CAGGCTTCAG AGGGGACTCT CTCTGATCAT TTCTCTGTCT CCACCTCTCC
84851 CTTTGAGCAC AATTCAGAAA GCTTCTCCCT TTTGATGACC CTTGTGGTTA
84901 GATTGGGTCC ACTTGGGTAA TCCAGAATAA TCTCTCCCTG TCTCAGATT
84951 GTTAATTTAA TTTAATCCCA TCCGAAAAGT CCCTTTTGCT GTATAAATA
85001 GCACACTCAG GTCAGGCATG GTGGCTCATG CCTGTAATCC CAGCACTTGG
85051 GGAGGCCGAG GAGGGTGGAT CACCTGAGGT CAGGAGTTCG ACACCAGCCT
85101 GGCCAATATG GTGAAACCCC ATCTCTACTA AAAATACAAA AAATTAGTCG
85151 GCGGTGATGG TGGGCGCCTG TAGTCCCAGC TACTTGGGAG GCGAGGCACA

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85201 AGAATTGCTT GAACCCAGGA GGCGGAGGTT GCAGTGAGCT GAGGTCACAC
85251 CACTGGACTC CAGCCTGGGT GAGAGAGTGA GACTCCATCT CAAAAAATAA
85301 AATAAAATAA CATACTCGCA GTGCCCCACA AGTAGGATGT GGGCATTACT
85351 GGTGGAGGAG GGGGTGGTCA TTAGTTTGCC CACCATAAGT ACCTTCAGAT
85401 ATTTTTTAAT AAAATGACTT CAGGTGCATA ACTGTCTTTC TCAAACAGTT
85451 GTGTTGACTT TCCCATGGCT GAGAGGATCT AGTCCCAAT GTTCCACCTG
85501 AACTGGAGTG ATTCTTGAAT CTAGCCTTAA TGAATCTTTC TATACTCTCC
85551 TGCCAACTACT GGCCTCAGCT CCACCTGGGC TGGTTTCCCC CCAGCAGTGA
85601 GAAGGCAGGT GCTAAGCCTG TGATAAGGTT GCCATTCTCC TTCCGTTTCT
85651 CCTTTGCTGT CTACATCATT CAGGATGCCA CTCAGCTTTC TCCTGTCCAG
85701 GCCCTTCCTG ACTCTTCTTG GTCCTGCTTC TTGTTCCAG TTCTCCAAGT
85751 GAACTTTTTG TCCATCCACT TATTTTGAAA CCCTCTAATG TTCTGTTTGG
85801 CATTATTGAT ATGTATGTGT TTGTGTATGT CTTTTTTAT CTCAAATTC
85851 TGAGCTCCAG GAGGAAAAAT ATGTGCTTTA GAAATATCTC TGTGTATTTA
85901 TTGCAGAGCT GTGCTATTAT CGTGAAGGTC TTCTCTAGAT TTTTATGGTA
85951 TGGAATGTCT AAGTTTCTCT TGAATTACCA GTGTTCTGAT TTCTTTGAAA
86001 CTGGACTATA TTTAGAACCT GTTGTGTCT AAGATAAGGA AAGTGACAAT
86051 TATATGCTAA GATATAATCA TAAGAAGTAC AGAATGAATC ATGTAATGTT
86101 GGAATGTGTT CTTTAAACTG GTAGAGTATG TTGCTTTTCT TCATTACTTA
86151 AAACCTAGCTA TTGATTCAGG AGCATGGTAC ACTTTTGAAT TGCATTGATT
86201 ATTTGGCAAA AAAATAGTCT TTTACTTGTT GGTGTTTAAA TATGGTTGTT
86251 TTACCTCCTT TCCCCAACCC CCTTGCCCCA AATCTGTCTC GTGACCCCTA
86301 CTGACTTTCA ATGCTGTTGT GTAGAATTCA ACCAAAGCGC CTCTCAAGAG
86351 ATCAAATGTT GAGAAGGTGA CTAACGTGCA GATCCTGGTG TTGTTTGGCA
86401 TCCTCTTGGT CATGGCCTTG GTGAGCTCGG CGGGGGCCCT GTACTGGAAC
86451 AGGTCTCATG GTGAAAAGAA CTGGTACATC AAGAAGATGG GTAAGTGTGC
86501 GGGTGGGTTG CTTGTTCCAG TGAAGTGTGG TGTCCTGCTC TCCCTTTGGT
86551 CAGCCATGGT TGAAGTGTGG TGTCCTGCTC GTCCTTCTGT TCCCTTTGGT
86601 TACTGTACAT AATGCCAGCC TTTCAAGGAG AATTGAGATT AGGATCATGT
86651 GATGAAATGA AGATGGGCAC ATTTGGGACT TGTCTTATAC TCAAATGGTT
86701 ATTTTAAAC TCTGTGTTAA AGTATTTTCT TAGTGGTTGC CCTAGGAATT
86751 ACAATGTATT TCCCAATTTA TCCAAATCTA CTTTTGATTA ATACTAACAA
86801 TTCTAGTCAA ACACAGAAAT GTCACTCCAG CGTACCTCCA TTTCTCTCTC
86851 TGCTTGGTGC TGTCATTGTT ATATTCCATT TATCTGTGTT GTCAACTCCA
86901 AAATAGTGTG ATAATAATTT GTGCTCTCTA AAGAAGCTAA AGGAAAAAAG
86951 AAAAAAAGTA TATTGATAGT GTTTTTTGTG GTTGTGTTT TGAGACGGAG
87001 TCTTGCTCTG TCGCCAGGC TGGAGTGAG TGGTGTGATC TCGGCTCACT
87051 GCACCCCTCA CCTCCTGGGT TCAAGCAATT CTCCTGCCTC AGCCTCCTGA
87101 GTAGCTGGGA CTACAGGTAT GTGCTAACAT GCCTGGCTAA TTTTGTGATA
87151 TTTAGTAGAG ACGGGATTTT ACCATGTTGG ACAGGCTAGC CTCGAACTCC
87201 TGACCTCAGG CAATCTACCC GCCTCGGCCT CCTGAAGTGC TGGGATTACA
87251 GGCCTGAGTC ACCACGCCTG GCCAGGGTTG TTTTATATTA ACATATTTAC
87301 TTACCATTTT CAGSTCTCGC TCTTCATTTT TTTCTCTCTC ACTCCTTTGC
87351 GGTGTCATTT CTTTGCTTCA TGTATCTTCA TTCTCTCTC ACTCCTTTGC
87401 ACTGTCATAT ATATTACATC TGTATATAAG TTCAACAATG CAATTTTATG
87451 ATGCTTTTAG CAATTGCTTT TTTAAATTTG GGAATATATA ATTATACTAT
87501 CTTTTATAAA TCCTGTAGAA TTATCATTAC TAGTGTCTTT TGTTTTGTG
87551 GATTTTAATT ACTGTCTGGT ATTTCTTTTCA TCCTGGAGAA CTTCCTTAGT
87601 ATTTCTTGTA TTTGTAATTG TCAGGTAGAT ATTTGTTTAT ACCTTACAGA
87651 TATTTGTAAC TATTGGAATC TAGAGATCCT ATTTAGAAAC TCCTTAATTC
87701 TACAGGAGAA CAAGAGAGCA AAGTAATATG TCAGGAAGAA AAGCAACCAG
87751 CAGGAAAAGT GGAAGGGTTG GTAGTGAGTA GGAAGTGAAG GGATTGTGGA
87801 AAGGTAAAT TACTGGCCAG CATATGCCTG CTCCCCCTGT ACCTTCCCAG
87851 CTCCTTGTCT TTCCATCACA GCCACGCTTC AAAACTCTAA ATTGGAATCA
87901 GACTACCACC ATTTGATGTA ATTTCTTGGG AAAAAACCTA GTAACATGGA
87951 TTTGGAGCCA TTACAAATTA TCAGTCTCCC TCCAATCCCA GCCTTCTGCT
88001 ATCTTTATTC TCATTCTAGT TCCCTTCACA GCTTTAATAT CAGTTAAACG
88051 CTGTTGCAAC CTTCTCCTTA AGCCTCTTGC TAAGTTAAGA AGATCTCACT
88101 ACTTTACCTT TCAAGCAGAA GATCATGGCT GTCAGGAAA GAACTTTCCC
88151 TTTGATACCC CAGACCTTGT CCCCCTCTCC CTCCCCCATT CTCTGTTCTC
88201 CCTGGAGCTG ATGCTGCCTC TGCTGTGGAC TCCATCCCCCT AGGGTCCCTG
88251 TCCATCCTTA GGGAACTTGT TCCGTCCAGA TATCCCTTCT CTATCTTTA
88301 GCTGGGCTCA AGCCTTCTCT CTCTTTGTCT GCTTCTCTT TACACTTTT
88351 TGTCCATCTT TCCAGCTCTT TGGAGTATCC CCAATATACA CGTACCTTAG
88401 TGAGCTTGTA GGTGTTCTT ACAACCATTT CAAAGGCCTG TCTTCTTTTC
88451 TACATCTCTT CAAGTTTGCT TCTTTTCTCT GTTCTTCAA ACTTGAAAGC
88501 AGCATTTCTT CTTCTGGATG GCCTTCAGTG ACCATGCCTT CCCATTAGAA
88551 AGCCTTCTGT TTGGTTTCCC GCTACGCTCT GTGAGCCTCT CTTTAGCGGA
88601 TGCATCTCTG TGTGAGTGC CATTGTGGGG CCTGTGTGCC TCCTACAGAA
88651 AGCAGCCTTT GAACTCACCG TTCTGACAT GCAGGAGGTG CTCAATAACT
88701 ATTTTAACAT GAATCTCTAA ATGAGCCAAT AGACTTTAGT TGTGAACACC

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88751 TTTCAGATAC TCTGGTTTCC TTCCACAGAC ACCACCTCAG ATAATTTTGG
88801 ATACAACCTA CTGACGTTCA TCATCTTATA CAACAATCTT ATTCCCATCA
88851 GTCGTGTTGGT GACTCTTGAG GTTGTGAAGT ATACTCAAGC CCTTTTCATA
88901 AACTGGGTGA GTATTAAAGC AGAGTTGAAT CACTATTTTC CAATGCTATT
88951 TCAGAGCCTT TGGCATTAA TTGAGAGCTC AAAAAAGAAG AACTATATTC
89001 ATTTACCATT AGGTCCAGGG GCTTAAACTG GCCATACAAA GAACTGGCCA
89051 GGGATCACCA GTGAGGGTGT TTTTGGGGAA TGGAAGGGCA GTGGTACCTA
89101 TTCAAGGCGT TGTGTGAGG ATTGGTCAGA GAATGGGGTG GAATGCTGAG
89151 CCAGTGCCTG TCATCTGGCT GCACCTGCTA TTCACGCTTT TAACATCTAA
89201 TTAAGGCTGA AGAAAAGGCC TCTTGGGTGT GTTTACTATA GTGGTCACTC
89251 GCATATCAAA ATTCATTGTG ATAGTCAACT TGGATTGAT TGTAAAGGTG
89301 GAGATAAGAT ATTTAAAGGA CTGCCATGGC TCTTAAGTAG TGGACTTTAG
89351 CAGCCAGTAT TTGTAGACCA GGCACTTTGA TGTGCATTTT TATTTGATCT
89401 TCACAGCAAT CCCGTCAGCA AGGTGAGAAT CATGAGTTAG TCTAGGTTGT
89451 GAAATGATTA TTTTGAAATC AAATCATATC TATATAAATA TAAATCATGT
89501 GTGTGTGTGT GTGTGTATGT GTGTGTGTGT GTGTGTGTGT GTGTGTGTAT
89551 TTCTTTTTTA GATGAAGTCT TGTGCTGTCA CCCAGGTTGG AGTAAAGTGG
89601 TGTGATCTCA GCTCACTGCA ACTTCCATCT CTTGGGTTCA AGCGATTCTC
89651 ATGCGTCAGC CTCCCTGAGT AGCTGGGATT ACAGACATGC ACCACCATGC
89701 CTGGCTAATT TTTGTATTTT GAGTAAAGAC AGGGTTTCAC CATGTTGGCC
89751 AGGCTGGTCT CGAACTCCTG ACTTCAAGTG ATCTGGCCAC TTCGGCCTCC
89801 CAAAGTGGTG GGATTACAGG CATGAGCCAC TGCGCCACG CAAAATCAGC
89851 ATTTCTATTA AAATAAAAGG GTTTTAGATT ACCCATTTCT AGCTTCTTTT
89901 CTGTGTAAAT CTGAATGAAG AATTAATGGT ATATATTTTC TGAATCCTG
89951 TCTCTTGTTC TCTCTCTCTC AGGACACAGA TATGTATTAT ATAGGAAATG
90001 ACACTCCTGC CATGGCCAGG ACATCAAACC TTAATGAAGA GCTTGGGCAG
90051 GTGAAAAAGC CTCTGGGAAC TTTGGGAATG GTGACACGAG CATGAGGGAA
90101 AATGAGTGTT AGCAGAAGAA CCATGGAAG ATTTTGCAAA AATACTTCTC
90151 CATGAACATG GCTAGAACAT CTGAAGAGCT ATATAATACT TTTGAATGTG
90201 CCAGTAAATA TAAGCGTTAC TCAGTTTGT CTTGCTTTTT GAGACACAGC
90251 TATGTCGTAT CACCCAGAAG TAACCAGAAA AAAAAAGTGT TATCAGAAGC
90301 AAATACAGTG CAACATCATT TGGGACGCTT AAAAAAGTGT TATCAGAAGC
90351 AAATAACGGG GAAAACGATG GCTGAGATAC TTAGATATTG AGTAACCCCTA
90401 CAAAACGTGT GGGGGCCAAT TTAAGGACA TGCATTTCTC GCATGTTCCG
90451 AATTTTGTCT CTGGAATATT CTAGGGAACA GTATCTTTTC CACCTTTACC
90501 CCTGAACCTC TCTTGCTTTT ACTAAGTTGG GCTTTGCATT ATGTCTGTGT
90551 CTGACATTGA CATTCTCTGA AGGAATAACC TCTTTTAAAT TGTAAATTT
90601 AATTTAATTT ATTTTTCCTA TATTTATTTT AGATTGAGG GGTAAATGTG
90651 CAGGTCGTGT TTGTGGGTAT ATTATGTGGT GCTGAGGTTT GGAATATGAA
90701 TGATCCCATC ACTCATGTAC CTGAGCATAG TACCCACAG TTTTCAACG
90751 CTTTTCCCCA ACCCCATCTA GTAGTCCCCA GTGTCTCTTG TTCCCATATT
90801 TATGTCCTTG AGTATGCAAT GTTAGCTCC CACTTAATAA GTGAGAATAT
90851 GTGGTATTTG GCTTTCTGTT CTTGCATTAA TTCTCTTAAG ATAATGGCCT
90901 CCAGCTCCAT GCATGTTGCT GCAAAGAACA TGATTTTCATT TTTTCTCTGG
90951 CTATGTATTC CATGGTGTAT ATGTACCACA TTTTCTTTAT CCAATCCACT
91001 GTTGATGGGC ATCTAGGTTG AGTCCATGTC TTTGCTATTG TGAATAGTGC
91051 TGTGATAAAG ATGCTGCATG TCTTTTTGTT AGAACCATT GTGTTCTTTT
91101 GGATATATAC CCAGTAATGG GATTGCTAGG TCAAATGGTA GTTCTGTATT
91151 AAGTCTTTTG AGAAATCTTC ATACTGCTTT CCACAGTGGG CTGAACATAA
91201 TTGTATACTC CCCCACCAAT AGTGGATAAG TGTTCCTTT TCTGTGCAGC
91251 ATTGCCAGCA TCTGTTGTTT TTTGACTTTT TAATGATAAC CATTCTGACT
91301 GGTGTGAGAT GGTATCTCAT TGTGGTTTTG ATTTGCACTC CTCTGATGAT
91351 TAGTGATGTG GAGCATTGTT TCATATGTTT TTTGGCCACT TGCATGTTTC
91401 TTTGAGAAAT GTCTGTTTAT GTCTTTTGCT CATTTTTTTA ATGGGGTTGT
91451 TTGGTTTTTG CTTGTTTCACT TGTTTAAGTT GCTTATAGAT TCTGGATATT
91501 AGACCTTTGT CGGATGTATA ATTTGCAAAAT ATTTCTCTCC ATTCTGTAGG
91551 TTGTCTGTTT ACTCTGTTGG TAGTTTCTTT TGTGTGCCAG AAGCTCTTTA
91601 GTTTAATTAG GTCCCTACTTG TTGATTTTTG AGGACTAACC TCTTTTGAAT
91651 GCCTTTGGCC ATTAAGATT TTGACTTCAT TTCATACACC CTATTCAAAC
91701 CCACCAGGAA CCTAAGGGG AGGGTGCTGT ACCTTCATT TATAGAGAAG
91751 GAAAGGAGTA ACTTATCGAA GGACACCTGG TTATTCAGTG TCAGATTGGG
91801 GACTTCGGGT TGTCTGTCGA GATCTGGCTG TTCCAAGCTT CCCTGCCTGG
91851 TGAAGGAATA CTACCATGTT GCATCTCCCC TGCTCCTCAT TATCCCTCTG
91901 TGAAAATGCA GCGACATGG CTCATTGATC TGAGGGTTAG AAAAATCCCC
91951 TTATGGAGGT AGGCTTGCTT TCTTCATTTT TCTTTCCTCG AGGATAGAGT
92001 GAATTCGTG ATGGTTTGTG TATCATTTTT GAGTTTATTG CCAGAAAAC
92051 GAGGTTCAAA TTTGTAGACT AAAATAGACC TTTGTAGACA AAAAAAGCA
92101 AGTGATTGTG TTTCTTTGAT ATAATTTTCC AAACCTACTT AATTTTTGTC
92151 TTTATCTTTC CTAAATTTGT GTATATTCAT ATAAGTGCTC TAAATTTCTA
92201 GTATAACAGG ATGGATTGTT ATTACAGAGA ATGTCCTTGG CACAGAGCAC
92251 AAATCCTCCC ATTGCTTTTG GGGCTCTGGT CACAAGGGC TGAATACAGC

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92301 ACCCAGAGCA GGCCTTGGAC CTTGGGCTGT CAATCCTCAT TTTTTTTTCT
92351 TTTTTTTTGGC TTATGTTCTC TCATTCTAGA ATGGCTTTGT CATTTCCTTT
92401 ATCTGTTGGT AAAATCCTTC TCCTGTAAGA ATCAGTGAGT TCTTGGTGCA
92451 TATCAGGCTA AATTTGCCTT CTCTTTGAAC TCTTCTCCAG TTTCCGGGC
92501 TTGGTTAGTC TGCTTCTAT GTTCCCATAA CAGTCTTCCA AACATAAATA
92551 CAGTAAAAATA AGGGGTATGA GTGATGTAGT GTCCATTCTT CTCTGGAGAC
92601 TTTGTGAGG CGTGGGTGTG CCTATACAG GTCTTTGGTT GCCTTTGTTA
92651 GTTTAGCACA GTGTGCAGTA TATAATTGTT TGCAGGTGTC ATTGAAC TGG
92701 ACCTGAATAA TTTAAGGATT GAAAGTGTTT AAGAAGTACC CATGGATGCT
92751 TCAGTAGTTC ATCCTAATTG AGGATATGGG GAAAGTTTGC ATGAGGAAGA
92801 AATTTTGAGT TGGAACTTTA AGGATAAGTT AAAATTTAGT AGGCAAAGTG
92851 ATAGCAAATC TTAATAAGCC CTTATTATAA AATGTTTATT AAAAATTTTT
92901 TTTTTTTTGA GATGAAGTTT CACTCTTGTC ACCCAGGCTG GATTGCAATG
92951 GTGCGATCTC GGCTCACTGC AACCTCTGCC TCCTGGGTTC AAGCGATTCT
93001 TCTGCCTCAA CCTCCTGAGT AGCTGGGATT GCAGGCACCT GCCACCATGC
93051 CTGGCTAATT TGTTTGTAT TTTTAGTTGA TGTTTTGCCA TGTGGCCAG
93101 GCTGGTCTCA AACTCCTGAC CTCAGGTGAT CCACCCGCCT TGGCCTTCCA
93151 AAGTGCTGGG ATTACAGGTG TGAGCCTCTG CACCTGGCCT TTAGTTTTTT
93201 TATATGATAT TTTAATTTTC TTAAAAATGC AGAAAGAATC CTGCTTACTT
93251 AAAGGCAGAT TCTACTAAAT TTTCCATACC CCTAGACTTA CTGCATGTAA
93301 AAACCTGTTT AAAGTATAAA TTAGCCCTAA GGTACGAATA GTATATGTAG
93351 ATGTAGTATT TGACTTCTTT AGGAGCTTTA ATAACCTGAA GTCCCTTTGA
93401 TTGTTTTTCAA AAAACTTCCC AGTGTATGTT TATATGTAT CATTAAGAAA
93451 AATTACTGAG TAAGCAATTC ATGTAATCAG TCCCTCTTCT ATACAACAGT
93501 AAAACACTGC TTCCCTAGAC CAGTCTCTG GGATCTCTGG AAGGTATCTA
93551 GCACTCAGCA AGTCTCTGAC CCTTTTGGGA AGACCACTGA GAACTGGAG
93601 TTTCTCTGAG AGGCAATTCT GTTAATTACT CTCCTTCACT AATCCATGAC
93651 ATAATTCTC AAAATGTTACG TGTAAGATGA TGGTGCATAT CATTCAGTAG
93701 CACATCATTC AGTCAGAGCT CTTATTGCAA CTCCTCTGTC ATATTCCGGT
93751 AACTTTTGAT TATATAATTA GTTATGGAAG AAGGTTTGTA AGTGGTCTAA
93801 ACATTAATAA ATTAATATAT TTTTGTGTAC TAATTTGCTT GCTTAGGGA
93851 AATCTACCTG TTTTCATACG GTTTTGAAAA ATATAGAAGG AAAGACTTCA
93901 TTTGTTGATC TTTGCATCTC AATACTTCCT GATGTATATT TCTTTTATTC
93951 TTTGGTTTAG GTGAAATATC TCTTTTCTGA CAAGACTGGA ACGCTTACAT
94001 GCAATATCAT GAACTTTAAG AAGTGCAGCA TTGCCGGAGT AACCTATGGG
94051 TCAGTGTGTT TATCATTTAC TGGAAAAATT ACTTGTATTC TTTCAAGAAA
94101 ATAAAGTTTAT TTTTAGCTAC TTAGTCAAAT ATCTTGACTT TCTGATGTTT
94151 TGAAAGGATA AAGTAGTTAC TATGGAATGT GTTTGTAAC GAATGGATCC
94201 CAAATTAAC TCTGAACAGT TAAACATGG TTTATTTCTG ACTGGGTGCA
94251 GTGGCTCACA CCTGTAATCC CAGCACTTGG GAGGCCGAGG CAGGTGGATT
94301 GCCTGAGGTT GGGAGTTCTG GATCAGCCTG GCTAACATGA TGAAACCTTG
94351 TCACTACTAA ACATACAAAA TTAGCTGGGC ATTGTGGCAT GTGCCGTGTA
94401 TCCAGCTAC TCAGGAGGCT GAGGCAGGAG AATCGCTTGA ACTTGGGAGG
94451 CAGAGGTTGC AGTGAGCCGG AATTGCTCCA CTGCACTCTA GCCTGGGTGA
94501 CAGAGTGAGA CTCTGTCTCA AAACAAAAAC AAAACAGAA AAACAGCAAC
94551 AAAAAAAGTG GTTTATTTCT GCAATATTA ACTTGGTAAG AAGTCCCTGA
94601 GAATCTGTAA GTTTGTATAT CTAATCTAAG AATTAGATCA GTTTTGATCA
94651 GAATGTCTGT CTTTGTATCA CAGTTTGTG ACCACTCTGT TTTCCGTTTC
94701 TCTGGCAGTC ACTTCCCAGA ATTGGCAAGA GAGCCGTCTT CAGATGACTT
94751 CTGTTAAGTA GATTCTAGCA CTTCTTGACA CTTTAGTGGA AAAGCTTTTG
94801 GAATAATTAT TTATTATTAT TCATTTACAT TTTTAGAGAC AGCCTCACTC
94851 TATTGCACAG GATGGAGTGC AGTGATACTG TCATAGCTCA CTGTAGTCAC
94901 GAACTCCTGG ATTCAAGTGA TCCTCCTGCC TCAGCCTTCT GAGTAACATA
94951 AACTACGGGC ATGCACCACC ATGCCTGACT AATTTTGTAA TTTTTTGTAG
95001 AGATGAGGTC TCATATGTT GCCCAGGCTG GTCTCAAACCT CTGGGCCTCA
95051 AGCTATCCTC CCGCTGTGTC TTCCCAATGT GCTGGGATTA CAGGTGTGAG
95101 AAACCAGGCT CGCCCTGGAG TAATTTTATT AGCATTTCTC ACCTGCCTAT
95151 TTTTGTATGT AAATAAAAGT TGCATATATG TTGTTTTGAA AGAAAACCCAG
95201 ATAAAAATTA AGGATGAACA TGGCTTTAAA AGTCCAGGGA TACTATAGGA
95251 CTTTTAACA AAAAATTGAC TGCCCTTGGT TCAGTGTTC CCACTCACTC
95301 CCTATTCCCT GGAGGCAGCC AACCTCAGTG CTTTGTCTTT TTAATAAATT
95351 TTATTTTAT ATTTCAAAAT AATGTTTATA TTAGTTTTTA AATTAATAAC
95401 ATTTAGGACA GGTGTGGTGG CTCACACTTG TAATCCCAGC ACTTTGGGAG
95451 GCCTAGACAG GCAGATCACT GGACGTCAGG AGTTCNNNNN NNNNNNNNN
95501 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNTTGT TATCCACCA
95551 TCTGTTTATG GGCATTTGTG TTGCTTCCAC CTTTGGCTA CTGTGAATAA
95601 CGCTGCTGTG AACATCGACA TACAGGTATC TGTTCAGTC TCCGCTTTCC
95651 ATTCTTGGGG GTATATTCCCT AAATATGGAA TTAGTGGGTC GTATGGTAAT
95701 TCTGTGTTTG ACTTTTTGAG GAAAAACCGT GCTATTTTCC ATAGCAGAGC
95751 CACCATTTGA CATTCCTGCC AGCTATGCAC AAGGGTTTCA CTTTCTCCAC
95801 GTCCTTGCCA ACACCTGTGA TTTTTCAGGT TTTGTTTGT TATAATAGC

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95851 CATCCTAATG GGTATGAAGT GGTACCTTAT CATAGTTTGT ATTTCTGTTT
95901 CCCTTATAAA TGGTGATGCT GTCTGTCTGC ACGTGTTTTA AAGCTTATAC
95951 ACAAGAAAAC TGACTGCTAG GGCTGTGTGT GGAGTGGGGC CACTGTGGTT
96001 GATGACGGAT TGCCTGCCTG GAGAATGGTC AGCCAGGACC CACTATTGTA
96051 TTAAGGGATC CCTAGATGTC AGTGTCTATG GGTCTTTCTT GTCAGCTGTT
96101 CAGCTTTCTT TTCATAAAAA GAACTTTCTA GTTTCCTGCC AAGGGCTATA
96151 AATTGGTTC AACTGTTTTG GAAGCTGTGT GGAGGCAGTG GGCCAGTGAT
96201 TGTACCTTTC AGCTTATATA GAATTTCACT TAAACCCTG TTTTGGGAGG
96251 ATGCCCTAAC CTATCCACAT GTGTGCCTGT GTGCCCAGTG TGCCTGGGCT
96301 CAGGACTACT CTGGTTTAAT TTCTGTAAAA GATAAGCATT TTTTTTCTG
96351 GCTGTGGAAG TTTCAGTTGT CTGGCCGCAT GGGATGTGAG GATTCTTGAA
96401 GGCTGAATGT TCCTCAAGTG GATGTGGAAG CTGTGCTGTC TTCCTCCTTC
96451 CCTGTACCTC ACAGGTGCCT TGTGCTGCCA TTTGTTCCAC CTTCACAGCA
96501 CACTGTTGAG GGCATCAGCT TGCATTTTAG GTGCTCCCCC TTGCAAGCTG
96551 TTGGTTACTG TTTTCTGTGC TGTACGTAT TTCAAGTTAA GACTAACATA
96601 CACTCTGCTG GCATGTCTTC TTTTATTGTC TTTGTCTTGA CAACGTGAA
96651 GTTTCAAGAG GAGGCCAGGT GCGGTGGCTC ACGCTGTAA TCCCAGCACT
96701 TTGGGAGGCC GAGGTGGGTG GATCACCTGA GGTGAGGAGT TTGAGACCAG
96751 CCTGACCGAC ATGGCAAAAC CCTGTCTCTA CTAATAATAC AAAATTAGCC
96801 AGGTGTGATG GTGGCCATCT GTAATCCAG CTACTTGGGA GGCTGAGGCA
96851 GGAGAATTGC TTGAACATGC CAGGCCGAGG TTGCAGTGAG CCGAGATCAC
96901 ACCATTGCAC TCCAGCCTGG GCAACAAGGG TGAATTTCA TCTCAAAAAA
96951 AAAAAATTTT AGGAGGGAGT GGAGATAAAT GAATATATAG TTGATTCTTC
97001 ACATTTTCTT CAATGTGATA GCTCACAGCC ATCATATTGT TTCCTTTCTT
97051 GTAATTATTT GTTGTCTTCC CTCTCCTACA TATGAGCTCT GGCCACAAAT
97101 GATTGCATGT ATACAGTGCA ATATTTACTC TTGTTTTATT TGCTGTGAGC
97151 AGACACTCTT AGAAGTTTTC TCTGGTGGA GTGACTCGGG CCAACTGAAA
97201 TGCCAGCCAT AGTCTTGATC CCTGGCTTCT GTTCTTCTC CTGTAACTA
97251 TTGTTCCCTG TAACTGTTGT TCTTTACAAT AACTCGTAAA GTATCTTATT
97301 TATAGTAAAC TCCAGGATTA ATTGTTTTGA GGTTTAAAAA AATAATACAG
97351 AATTTCAAGT CTTTAAAAAG TTAATGTGAA TCCCTACAGG ACTTTAGGTA
97401 TGGTTCTTCT TGAAGGCAGA TTCTTTCCAG GTTTGGGTTA GCTTAACAGA
97451 AACTTTTAAA TTGAATAAAT TTTCTCTGTT CTCTCTTACA GTCGGATGCC
97501 TCCCTCCCTGT AGTGATTCTT GTGACTTTGA TGACCCCAAG CTGTTGAAGA
97551 ACATTGAGGA TCGCCATGTA AGTGCTCTGT TTTACTTCGA AGACAGCAAA
97601 CAGCTTACGG TGCAACTTTC TTTTATATAT GCATGTAGTA TTTTGCAAGT
97651 TGCAGTTTTA GAGCATGGGA AAAGTCTCGA CTGTATGATG TGAGTCCCTC
97701 TGAGAAGTGA TCTTAGACAA ATGCTTTGTG GTGAACGCTA TGCATAAAT
97751 AGTGATTTTA AATACTTGGT GATTTTGTA AGTAGCACAC CAAGATCAAG
97801 ACGAGTTTTA CCACATAATT CTGTAACAGT TCCAATGGCT GTTGCTTTGT
97851 AAAATTTCTG CAGTACTATT TTGTCACAGT TGTGAATCTA AGAGGCCAAG
97901 TGTAAATGCA TATCCTTTGA CTAGGATACT TTAGGAAACA AAAGTAAGAT
97951 ATATATAATA ACAGGTGGCA TTTATTGCAT TCTACTGTGT GCCAGGCAAC
98001 TAACATATAT TTCTTTCAAC ACTTTAGTCA ACATTTGAAT CACATCTGGG
98051 AGGTGACAAG GAAGTTAAAT AAAAGATTAA ATTGGCGAGT AGTTACCCAG
98101 CGCATAAATG TAGAAATGAG CCTTAAACCT CAGTCTGTTA GATTTTTAAC
98151 TACGACATCA CACCACTTCA AATCAGTATT AACTGCAGAA TCACATCAAT
98201 TCACTGTTAT TTTATTGTT ATTTATTTAT TTTTAATTTT TCTATAAGGG
98251 AAAAATTGTA TTGAGGAACA GGTGGTATT GTTACATGA GTAAGTTCTT
98301 TAGTGGTGAT GTGTGAGATT TTGTGAGATT GTGGTGACC CGTCACCTGA
98351 GCAGTATACA CTGCACCATA TTTGTAGTAT TTTATCCCTT GCCTCCCTCC
98401 CACCCTTCCC CCAAAGTCCC CAAAGTCCGT TGTATCATTC TTATGCCTTT
98451 GCGTCTCAT AGTTTAGCTC CCACATTTCA GTGAGAACAC ATGATGTTTG
98501 GTTTTCCATT CTGAGTTAC TTCACCTAGA ATAATAGTCT CCAATCTCAT
98551 CCAGGCTACT GCAAATGCTG TTAATTCATT CATTTTTATG GCCACGTGGT
98601 ATTCCATCAT CTCTCTCTT ATATGTATGT ATATGTATAT ATATTATATA
98651 TGTATATATT ACAGTTTCTT TATCCACTCA TTGATTGATG GGCATTTGGG
98701 TTGGTTCCAC AATTCACAGT TGTGAATTGT GCTGCTATAA ACATGTGTGT
98751 GCAAGTATTT TTTCTCTGG GTAGATACCT AGTAGTGGGA TTGCTGGATC
98801 AAATGGTAGT TCTACTTTA GTTCTGTAAA GAATCTCTGC ACTGTTTTCC
98851 ATAGTGGCTG TTCTAGTTA CACTCCCACC AGCAGTGCAG AAGTGTTCCT
98901 TGATCACCGC ATCCATGCCA ACATCTACTG TTTTGTATT TTTGGTTATG
98951 GCCATTCTTG CAGGAGTAAG GTGGTATTGC GTTGTGGTT TGATTACAT
99001 TTCCCTGATC ATCAGTGATG TTGAGCATTT TGTATATGT TTGTTGGCCA
99051 TTTGTATATC TTCTTTTAA AATTGTCTAT TCATTTTCTT AGCCCACTTT
99101 TTGATGAGAT TGTGTTTGT TTTCTTACTG ATTTGTTTGA GTTTGTGTA
99151 GTTCTTGGAT ATTAGTCTT TGTGATGTC ATAGATTGTG AAGATTTCT
99201 CCCACTCTGT GGGTTGTCTG TTTACTCTGC TGACTGTTCC TTTTGTGTG
99251 CAAAAGCTCT TTAGTTTAA TAGGTCCAG CTGTTTATCT TTGTTTTAT
99301 CACATTTTTT TTTATTGCAT TTGCTTTTGG GTTCTTGGTC ATGAAATCCT
99351 TGCTAAGCC AATGTCTAGA AGGTAATTC ACTGTTATTT TAAAGGCTAC

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99401 TCTGAAAAAT GCCAACTTAG AAAATTATTC AATGATCAAA ACATTTTCACA
 99451 ACTAGTTAAG TCAGTATAAA TTAGATGTAA TATGATTAAT TTTTTTTTCT
 99501 GAAAAAATTT CTAGATTAA AATTAGGTAA ACATGAGCAA AATTAAGAAT
 99551 TTATCTTTCC AAATTTCCAA AATTTTAAGA GACAGATATA TTAAAACTT
 99601 TTTCTAAGTT TTCATGAGGA AATCCTACTT TTCTCTATTG AAGTTAGTGC
 99651 CCATTTGTTG CTAGCTCTTC TGAAATGTGA GTGTATAAGG CTCGCACACC
 99701 CACAGGCTGT GATGCTGCTA TTCCGACTCA GTTCTTGGTG ATGCTGATGA
 99751 AGTGGTCCAA GCCCACAGAG GATGCTGCTG GAGTCTATGT TCTGTTTCAG
 99801 TCACAGACAG CTACAGAATC CTTTCTTGGA TTCTGATCTT AGAGGTAGAT
 99851 CCAGCTACTA GGCTGAAGAT TCTCCAAGCA GAAAAGTGGC GCCTCTGAAG
 99901 AATCGTCTCT GCAGGAAGGT GGTTTTAATC AAAGATGTCA AAGAAACAAG
 99951 TGTACTTTGA GCACTCGAGA GGAAAGAAGT GTTTTCAAAT AGTATTCAGG
 100001 TTGAGGGTAA CCACAAAGGT GGGCAACTGA ATATGTCTGT TCAAGTTAGG
 100051 ATGGTGAATG GAAAAGGAGA AAGTGGCAGG GTGACATAGG AGCTCCGGAG
 100101 ACTGCTCTTG GTCCAGTTTC ACGAGCTTGC TTTCCCTAGAT CAACGAGGAG
 100151 AAAGTAGCAA AGGAAATAAG ATGAGCAGCG TGTATGGAAC ATCACAGAAT
 100201 TCCAGTAATG GGTAGGAAT AGCAGCAAAC TATTGGATCC CCATTTACAT
 100251 CAGAGACTCA TTTATTTATT CACTCATTTT ACAATCTATT TAAGGACATC
 100301 ATTTATATGA AATACCTTGC TCTTGGTACT AGGGGAAGAG ACGAATAAAA
 100351 AACACTCAAA GGATTCCTGT TCACTGGGGA AGCAGACATG TGAATTTCTT
 100401 AGAAGCCAGT GTATGCTTTT GCAGGACAGG TAAGGTGCAA CTCCCTGAGG
 100451 AGGTGATTTT GGTGTGTGTA GACAGAGAGG AATCCCATTG TCTTTGGTGA
 100501 CTGTCATGGC TACCATAACT GTTGACATGG GAGCAGTGTA TTGCACTGT
 100551 CATAAAGGTG GGATGCCATA GAAACCCAGT GGCCTGGGGC AAATCCTTAC
 100601 TTGGAGAAGA GCTTCTCTGG GGACCCCTA CATGCTACTG GGATTTCTAGT
 100651 GTTTGAAAGA TTTCAAAGCT TGGTTCAGTT CATTCTGAC TCTCACAGGT
 100701 GTTCTTTCCA AAGCTGGCCC GGGACTGGTG TTTTGGGTCC CTGTGACGTT
 100751 TTGGGGTTTT GACTGTTTCT CCCACACTCT TCTTGAGCCT GTCCTCTGTT
 100801 GATGTTTGAA TGGAGATCTG AGCACAGCTA ATACCTCTCC CATTCGCTTC
 100851 CCCTACCCAC TGCTTTTTCG TGACTCCTCC CTTGGTGGCC ATGGTGAGTG
 100901 GAAAGAAGTT TAGGAAGAAA TCCCCTGTT TATATAAGTT AGTGATCTTT
 100951 CTTCTTCTTT CTTTCTCTCC TCATCGTCTG CCCTCTGAG CCAAATTTCT
 101001 TTTTAGTTTA GTGGGAAAGC CATTGAGAGT AGGGACAGGT GCAACCCCTG
 101051 TGAAAAGGAA GCCCTGCTGT GGGGACATTG TGATGACCAT CCAACACAG
 101101 AGACTTCAAG GGCATTTTAA TCTGGTACT CATAGTTTCA GTACAAGCAT
 101151 AATGAGGAAT TGATCGATTG GTTTGGGAAT TTATTTTCTA ATTTTATGTA
 101201 AAAGCCTCCT AGCCTATGTG TACCATTTT AAGCTTTCTT GGATCCTTGA
 101251 GGCCTTCTGA GGTACTCTTC ATCTCAGCTA CTATGTTAAC TAACTCTTT
 101301 GACATTTAAC ATCTAGCTGC ACTACAATAA TGAAGACCAT AGAATAGGCT
 101351 CCAATATTTT TCTTTGGGGA GATGTGGGAT TGAATTAAAT GTACCCATTG
 101401 GAGGTTTTTA AGCAGTTTAA ACACAGGGCC TATTAGATTA CTTGTTTCATT
 101451 TTGCCAAAAT GTGTCTGTGG AGAGGGAAGA AGTATTTGAG GATTTGCGGC
 101501 TGCACATGCC CCACATTCTC ATCTAAATTG TCTTGGGACT ATTGACTAAA
 101551 ATTAACACAT TTGGTCCAAG AAAACCCCTA CTTTCTCTCC AAGGGAATAC
 101601 TTCCATTTGC TACAGAATTT TCTTTTTTTC CTATGTCATC ATTTCAAAT
 101651 TTCTGGTTCC TTTAGGACTG TGTTAAGCTT TGTGTGGGCT GATAGCCAAG
 101701 ATGGAATTTG GCTCTTAGAG AATCAACCTA TGAGAAATTT TGGAGGACAA
 101751 TTTATGCAAC CCCCTGCTTA CATTGCTAAC CAGTGTGTGG GATAAATTTT
 101801 CAAAGGTTCA CCAAGGAAGA AGATATAACT TTCTTTTGAA TCATTATGCC
 101851 TAAGATTTCT GAGCTTGAGT CTTCAAGAAG AAATCACTTA TATATGTATA
 101901 TGATTTGGAT AATTTGTAGC TGCAATTTTG CTTGCAAAAC AATTTTAAAC
 101951 ATGTATCATT TTCTGCTATT TTAAATTCAC CGAATAAGTA GAAAATATTC
 102001 ATTTCTAGAT ATATGGCATT TTGTACATAT TATAAGCTGT TAACTGAAGG
 102051 AAAAATATAG TATCATCCTG TTTTATAGAG GTACATACAA TAGGCAAAT
 102101 CATAGATACA GAAAACAAAA TAGAGGTTAC TGGGGGATAG AGAGAAGAGA
 102151 GAATGGAGAG TTATTGTTTA ATGGGTATAG AGTTTCTGCT GGGGAAGATG
 102201 AAGTTTTGTG TATAGATAGT GGTGATGGCT GTGTAGCATT GTTGAATGTA
 102251 TTTAAAATGC CACTGAATTT TATACTTACA AATGGTTAAA TGATAGATAT
 102301 TACGTGTATA GTTTACCACA ATACAAATTT TTAACATCTA AGAAGATACA
 102351 CACATACATA TATACACACA TGAATATAAG CATCCATAGG CTTCAGATTA
 102401 ATTTTGTCTC TTCTCCCTAA TTTATATAG AATGCAATAG GAAGAAAACC
 102451 AATGATAGGT TAATTTTATT TTAGGATTTA AAAAAATCT TCATGGATTT
 102501 TGTCTGGCTT ACCATTTGAG GTAGAAGGCT TTATTTGTGT GTGCAATTTCT
 102551 TTATAACTCT TAGAAAAATAT CTCCTACTA GGTTTACTTA TTTGTAAAT
 102601 CTAAGACACT TTTTATGTTG TTTTATTACG GGACAAGGTT ATGTTACAGGA
 102651 TTGGAATTTT CTGAGGTACA GGGGAAGGCA ATCTTGAATT GAAGCTAAAT
 102701 TCTCACATAA AGTACTTTTG GGGAAAATTT CTTACCATTT TTGCAATGCA
 102751 GGCCTTGAGG AATGTGTAAA TTCCCTAAGC TCATGACTTT ACTGAATAT
 102801 AATTTAAGGT GCCTTTTCTC TTCATGATAA GAAGTAGCCA TGTAATAGC
 102851 TGTGATTTGC TTCCATAAAA TTCTGCTTAA GTCACATTCA CAAGACAGAG
 102901 AAGAACTAA AAATATTCTT GTGGAAGCCG TCATTCATTT ATGACTAAAA

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102951 AAACAGAAAA CTCCATCAAA AGAGGAAACA CATAGCTGCT TCCTTCACAT
103001 GAAGATATAA ATCTATCTCA ATTTTATAGC CAGTTGCCTA TTTAAAAGGG
103051 ATGCACCTAG ACACTGACAT TAAAATAACC CCAGGACAAG GAAGCTTGCT
103101 TATCACCCCT GCCTTGAATG TAATTCTGGA AGTGCTAGCT CCTGCAGACA
103151 GGTGAACATT GAAAGTTTAT ATATTGGGAG GAAAAGGGAA AACTTCTCAT
103201 TTGTGGGTGA TATAATTGTC TACTTTGAAA ACCTAGGATA GTCAACTGCA
103251 ATTCAGAGAA CTAGTAGGAG CTCAGTGACA ATTGGATATT AACTTACAAA
103301 AATCAATGTT TCTACTTACA TCCCAACAAG AAACCTACTGT AAAATGTAAT
103351 GGAATAAAGA TTCCATTCAT AATATAAAAG GCAATAGATA AAATGCCTTA
103401 CACAGTACTT CATGTATAGT GGTCACTGAA ATAATTTTGT AGCAAAATAA
103451 ATAATTAATA GACGTGCCAG GTCTTATATT TAGAATATTT AGAAGCTTTT
103501 AATACATAGG AAGACACACT TTTCTTAGAT GGGAAGACAG CATTATTTTC
103551 CCACTAGTTA TAAATGTGCT CTAATCCCAA TAAAAAATTA TATATTTTTT
103601 TCCAGAGAG AATAAGAGAA TTTTATTAAA TACATATCCA GGGCAATTCT
103651 GGTTCGCTT GCTGTTCAAT ATTAATGAGC AAGGGATGCA CTGCTTTACA
103701 GGTGTTGAGA GTTATAAATC TTAAAGAATA GACACTGTAT AGAACAGATG
103751 TCGGGGTGGG GAATGGGAGC CTGGAGATGG GAGCATCTTC TGTTTATGGG
103801 GCCTGAGGTA CAGCAGTGAG GGAGGCAGAA CACACGCTTC CGGAGGATCT
103851 TGCGAGAGTG AGGCAGCAGC ACGTGGGTGA AGCAGAAGCA CAGGAGGCG
103901 GAAGCAGAGG GGCAAGTGGA AGCACGTGGT GAAAGTCAAG CATGTGGGGA
103951 GGGGGAAGCA CGTGGGCAAA TGAAGCATG TGGGCAAGGC CGAGGCTCCT
104001 GGGGAGGAGG GGTGTGTGGA GGTACAGGAA GGCTCTTTCTG TCTTTTCTCT
104051 CCGCATCTCT TGAGCTAAAG CGCAGGAGCT GCATTCCAAG AGAAACCTGG
104101 GGATTAGTGC GCGTCAGGAG AACCGGCTTG GGGACTCCAG ACCAGAGCGG
104151 TAGGAGGGGG ATCTGAGGTC CATATTAAGG ACCTCTACCC TGTCTACAG
104201 GGAGCAATAG GATGACTGGA TGTTAGTTGG GGATCTGCTT GTGTGAGCCC
104251 TGGTGCCFTG TGAAGGTGTT GTATCTGACA CTAATCCCGC CTCACGTTTG
104301 CAGCCACAG CCCCTTGCAT TCAGGAGTTC CTCACCTTTC TGGCCGTGTG
104351 CCACACGGTT GTTCCTGAGA AGGATGGAGA TAACATCATC TACCAGGCTT
104401 CTTCCCCAGG TGAGGGCTCT GGCCGATGCG GCCCTGCTGG CCCCTTCTCA
104451 GGACACCTGG GTGTTGCAGT TATTCTTGA GGTGTTGCCA TGTAAGTCCGT
104501 CCCACAGACT CGGCTGTCTG CTGTTGGCCT CACCCTGTGG CCAGGCTGTG
104551 GCTACAGGTG CAAAGCCGTA GAGAGCCCGG GATGGGCTCT CCTGACTCTC
104601 ATGACTCTTT TTTAACAGCA AAGGGAGGAC CCCGGTTATG TTGCATCTCC
104651 GGCACACCTG GATTGGGCTT GACAGAGCTC TGAAGAAAGA ACAGAGCTGG
104701 CTTCTTCTCT ATCCTCCCCA CCTCATAGAT TTTCCGCTTG CTGGGGAAGC
104751 TGTGCATGGG GGTACTCTCT ACCCACTTCC TGAGGCTTGG GAATCCCACA
104801 GCACAACATA AATACTGCCT TGCTCAGAGG AGATGTTTGG TGGGAGTCAT
104851 GGGTAGAGCG GTTTCATTGG AGAGAACCTG ATCCCAAGCG AGAATAGCAG
104901 GAATAGAAAT CATTCTTGTC CTGGTGAATT AGCATATATC CAAGCCTCCC
104951 ATCTAACAGG AGTGCTCATT TCAGAACCCT GGTGGTAGGA AAAGCAAGTG
105001 CTTCTCTATC CTGAGTCTTT ACTATTATGC AGATAACACC AGGCCTCCTT
105051 CAGTAGAGCG GATTTTGTTA ATTTGAAAAG TGACACTAAA CAGAATTCTG
105101 TCACTACCAG TGATATGTCA ATGTTTCACC AACTCCCCTG TGACAGATGA
105151 AGTGCTTTTG GTGAAAGGAG CTAAAAAGCT GGGCTTTGTC TTCACAGCCA
105201 GAACACCATT CTCAGTCATC ATAGAAGCGG TGAGTAACAT GCGTGTGCAC
105251 ATTTCAAGTC ACCTGCTTTT GTGAAGATTG TGTGTGTGAA ATGGCATGTC
105301 TATTGTAAAT ATGATAGCTA AATTCTCTCT TCAGTGAAAA ATTAAGACCT
105351 GTGACAAACT GGAGTTAATG TGATTATATT AGCTTGTTCTG AGTTGTTTTG
105401 CATTGCAGTA TTGTTTTCCT CTTCAAGATG CTTTTCACCA TGTCTTTTAT
105451 ACACGTGATG GAAATTATTT GTAGCAAAGA ACTTACGAA TCTACTCTTT
105501 GTTCTATAAT AATTGGGAAA ATAACTTAGC GGCCCACTTG TCTTTGAGGG
105551 CAGGTTCCAC ATCTCTTTGT AGCCTCAGAG CCTAAGAGTT CTTACTCAAT
105601 GAAGCCTCAC AGTCCACTGG GCTTCAGTCT CTTCACTGG GAGAGGAGTC
105651 AGCATTAAGA TCTCTCTCTC TCTCTCTCTC TTTTGTGAGC AGGGTCTCAC
105701 TCTGTGTGCC AGGCTAGAGT GCAGTGGTGC AATCTCGGCT CACTGCAACC
105751 TCTGCTTCCC AGGTTCAAGC AATTCTCCTG CCTCAGCCTC CGGAGTAGCT
105801 GGGACTGACT ACAGGCACGT GCCACCACGC CTGACTAATT TTTGTATTTT
105851 TAGTAGAGAC GAGGTTTTGC CATGTTGGCC AGGCTGATCT CAAATTCCTG
105901 ACCTCAAGTG GTCCACCCGC CTTGGCCTCC CAAAGTGCTG GGACAGGCGT
105951 GAGGCACTGT GCCGGGCTTT GATCTCTTTT ATCTATATGA GGGATCCCCC
106001 CTGCAACTGG AGTCAAGGGG TTTACATGTT TTCTGATTTT TTCTGAGTTT
106051 CCTTACCTAC AGGCCAAAGG GAGAAATTTA GTGATAGGAA AATAATTATA
106101 TCAATAGAGA GGTCAATATC AGACCCCTGG AATGGGCAAC AGGGGAAAAT
106151 GATGGTTATG ACTGGTGAGG CAGTGGTGTT TTTTATGATG ACCAGTTAGA
106201 AGGGCTGTTT TATTGTTGTC TGCAATTGATG ATAAGGTCTT GGGGCTAGTC
106251 CCTGCCATCC CTTGCCCTTC CCTACTCCTC CATTTGGGGA AGACGCAGGG
106301 ATTATAGTTT TTGGCTTTAT GGATGCATCC TTAATCCAT AGACCTTTAA
106351 TGCATTTGAA ATTCACTTCC AAATGGTATA ATAACCTCGT ATGGTTCCTG
106401 ACTTGGGAGT ACTGTAGTAA GTTTTCTCTT TTAGTTATAT GCAAAACCTA
106451 TAAAATATCT TATCTTATAC AAAGTACCCA TTTATTGGCA TCTTCAGTTT

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106501 CTTATGGAGT ACAGAGATGA GATCATGTGA TCAIGTTTAC TTTTACTATG
106551 CTTATTTTAG TCAACAAAGG GAATTTAGCT TAAGGAAATG TACCATCATT
106601 AAAAGTGGAA TGAAGTACTG ATTGAATATA GAATTTCCCG TACAGAAGCT
106651 TTTTAAAAA TGAGGTCTTT TTCCCCCTT CAGTTGGAGG AGAATTTTAA
106701 TCTGAACATAT AGGATTTTCA GTTGTGTGGG TGCCACCGCA TGTCTCTGCA
106751 TTGCAAAAAT GGAGGTGGG GGTGGGGGAG CTGGATCAT AGGTGAGAGA
106801 GACAGAAGAG AACAGGCGCT TCCACTTCAC TCACAATGCC AAATAAATGT
106851 GGAACCTAGA GAGCCTATTG GTGTTGTCTT CCTGGTGTTA TATGCTGCAT
106901 TGACACCTCT TTGTTACCTC ATTAAAGTTT TAAGGTCATA TTTCTGGGGG
106951 TCACAAAAGA CTGCCTGATT AGTTAGGACT CGTAGATAAC AGTAATAAAA
107001 AGAATCCTAC TCAACCATT C ATCAACCAC CAATTCTCAA ATTATAGTTT
107051 TTGCATATAA GTAAAAAGAA AAACCTACTG CAGTACTACC AAGTCAGGAA
107101 CAAATTCTCA AATTCCTACA TATTTACATG AAATGTCCTC GCCAATAGTC
107151 AGAACAGCCA CATCCATGGG CTGCATGTGG ACGTGGTTGA TATAACTGTG
107201 AGAGAGGGGG TGGCTCCTGG GAGTGGCAGC CCTGGTGTCT GGTGGTGGTA
107251 TGAGCACTGG GTGCTTCTG AATGGGGATA TGATGGAAAG TTAGGACAGG
107301 CTGTGGAGAA AGGGAACCTG GAACTCGTGG ATCCAGAGAA GTGAATAAAG
107351 ATTGATGAAG GCTGGATGAA GTGGATCATT AGTTGTTTTG TAGGATGCAA
107401 AGAGAAGGAG TGGAGAGTTG TGGGTGTGAA TGAAGATAAT GATTCCGTCA
107451 TATACCTTGGT AATTTGAATG TGTTACTTCA TTGATTACTT CTCTGAGCCC
107501 TAAGAGATGA GTGCTTTTGC CATGCATAAG AAAGTCACAC ACTTAGAGGC
107551 AGAAACTGGA TTCAAACCTCA CATGTATTGG GTGCCAAAGG CCATGTTCTT
107601 TCCACTGTGA AGTGTGGGG AAATGAAAAG ATTAGATTAA AAATCTGAAA
107651 ATAGCATGCG CACCATCTGG AATTTTATGA TGGAAAAAAT TGTGAATATT
107701 GACATTCTAA CTTGAAAGAA CCCAAAGAAA AAGAGCGTTT GATTGATTGC
107751 TCTGAGACCA GGTACAGATT CACCATCTCT TATCTGCAAA TTCGAAACCC
107801 AAATGCCTTT GAATCCAAA AGATTTTCC TAAATTTGGT GAAGAGTTAT
107851 TTGGCAGCAA AACCTAATCA GAACTGACAT GAAGCTGTTT ATGATCTTTA
107901 TGAATCTCAT TTCCTGATAT GCATACATTT TGCTGTAGAA AGCGGATGTG
107951 TTGTGTACCA GCATGTTACC CCAGACCCTG CTGGGGACAT TATGATAGAT
108001 GGTCTAGAAT ATGCTATAT AATTTGTAAA ATCCTGAATT CAGAAGCATA
108051 ACTGGGCCAA AGGTTTCTGA CGGACCTGTG CAGCTGGTGT CCTCTATCTC
108101 CATCTCTTGG AAGTGCCTGC GCTCCCCAAC TGTTAGCACT GAAGAAACGT
108151 GAGAAGCTTC CACCAGAAGA GGGAGCTCTG ACCCCACCAG ACTTGTGAGA
108201 AAACAGTACA TGTGCAAAG GGCTAGAAGG TGGGAAGAGA GAGAGAGAGC
108251 ATATATATGT CTGTTTATGC TTGGGAGACA ATTGCTTTGA GATTTTAATA
108301 CTTTGCACCT CGGTTAAGAG CCTATTTTTC TTCTTTTGA TGGGACAGGA
108351 ACAAACATTT GGAATCCTTA ATGTCTGGA ATTTTCTAGG TATGTTTCTC
108401 TTTCATACGT TTGAATAAAA ATAATTATAT TTATTTACCA GCTTCATCAG
108451 AGTGTTTACA TGATTGTATG GTATGATCA ATATATTACT TAAGTATTAA
108501 ATATAATAAA TGTATCTCCA TAACTCTTT TCTTCTTGA ATTTGTGACT
108551 TTCATTAAAG AAAGTGAAGT AGGTTATTTT TCTTTGTTT ATTCAAGAGA
108601 AATGCTCTAC TTCCATGTCC TCCTTTTCTT TTAGATTTC AGAGCCTGAT
108651 GTTCTTGCAT CAGCAGCTGC AGACATGTCT GAATAGTTTG GAGCATGTGA
108701 TGGGGGCATT ATTTTCATTG GCGTTTCCCA AGTCCCATGA GGTCAATCCT
108751 CTGCTCCAT TTGAGCACTC CTCTGGAGAT CTGAGAACT GACAAATGAT
108801 GACAGATGAG ATCAGTTCAT CCCATTAGAG GCTGGGTCCA CGTAGGGAAG
108851 TTTTCTTGGG CTTATTCGGA AGCATTCTTC CCCAGTACAA TTTTAAAAAG
108901 TTAGACCCAG GAATATTTGT TGGACTTTTT TGTTACATA GAACATTCAT
108951 AGTTGGTTAT AAGGAAACAT ATCTTAATTT TTGTTTCTT TGCCCTTTT
109001 TAACATGGAA TTGTCAGTAC TAAAGCAAAG TTCTGTTGCT ATCTCAAAGG
109051 CATCTTTTCC TATTATTAAT ATTAGGTGGA TTTTGAATA ACCTTTGTTA
109101 AACAGTGTTA TAAAGCTCTG TCTGCTTTAT AAATATTTT TAATAAGGAT
109151 TAGTTTTTTA TCTTTGTGTA GGAAATACTT TCCAGCCCTA GTCTTTAGTT
109201 TTAGGTTTGC AGGCATCGAC TTGGAACCAT GGGGAGGGGA GGAGGGATGG
109251 CTGATTACGG TGGTGGCTCA TGATGGAAGT GGTGACAGTG TCCCTGCGTG
109301 TGGAGGTGAG CGACGTGCTA GGCATCTCTC CAACTGTGT GCTTCATCTT
109351 TTATTGGAAA CTGTGCAGTG CCCTGTGATT ACATTAACCTG GGACCAGCAG
109401 TTATTGGACA GGCAAGGAGG AGGAGAAAAG GGAGTTAGAT AAAACAGGT
109451 GAATATTGGT AGAGACACAA GGATGTATTA AAATGTATAT ATGGGAGAAT
109501 AAGAAAGAAC AGAAAGATAA TTTGTGGTTA CAGTGGTGAG TCTATTCTT
109551 TTTTATGAC TCATCTCTT CCCAGTGCCA CTTAATCTTG ATAATACTCC
109601 CGCGAAGTAC TTGCTTTACA CATTGAGAAA CTGAAACACG GGTTCAGA
109651 ACTGCTAGGA GTGCCACCT CTAAGATAGT TGAGAGAGAA TGCAAAATCCA
109701 GGTGAGCTAG AGCACTATAG GTTAGGATGT GGAATTTAC CCAGAGCTGA
109751 AGAGAGACTC TCCCCGACTC TTAGAGACTT ATAGTCCATT GGAACACC
109801 AACTGAAAG GCCACAGAGA TGGGTGGTCT AGGGCCCTCT GTAGTTGGAG
109851 TGTGCTTCAG GAGGATGAAA TGTTGGCAAA GGAGGATCAG AATGTGTAGA
109901 AGAGGAGAAAT GGTGAGTCCC GTGTGTGCTC GAAGCCTGGT GGTGGTTCAT
109951 GGGAGGGTTG GTGGGAGATG AGGTGAGGCT GCACAGGTGG ACGGAGAGCA
110001 GTAAGAAGAA TTCATAGGCG GTGSAGACTC ACTGAGGGCT CGGTGAGTGA

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110051 GGATGGGCCA TGAGGAAAGA CGTGTGAGGA AGTGTAGATG CTGCGGTGAG
 110101 GGGAGAGAGA GTTCCTTGGT GCTAAATTGG GAGTGTCTG CGGGTTTGTG
 110151 ATTTCTTTCT ACTCCAATTA AAAGATGACA CAGGGAGGAG CTTCTGAGTT
 110201 AAGTGGATCT ATACTGAGTC TCCCACCTTC CTACCTACTG GGCAAGTTAC
 110251 TTGATAGCTT AGAGGTGGAA AATAAAGAAT ATTTTATAGAG AGTAGAGTCA
 110301 GAAGTCAATC AGATGTGGAC TGTCAGTGCT GGAATTCTCC TTTTCTGTTT
 110351 TTCTACTGCG AAATAGCGGT CCTAGTCTAT TTTCATGGCA GGGAAAGAAA
 110401 TAGGCTTATG TTCATTAGAT GTAAATAAAA AGAGTAGGAG ATACACAGTT
 110451 AGGTCTTACT TTGAAGAAAA AGGCAGGGAA AGATAGACCT GTTTCATTTT
 110501 TAGGAACCCC AGACCCCTT TTGTTTGTAT TGGTGTTCAG CTGTGGGATA
 110551 TGCATCCTGT AAACAGACCA ATGATGACTT TTTTTTTTC ACTCTCCAG
 110601 TGACAGAAAA AGAATGTCTG TAATTGTTCC AACTCCTTCA GGACGACTTC
 110651 GGCTTTACTG TAAAGGGGCT GTAAGTACCG GAGAAGCGTT GTGCGTAGCG
 110701 GAGTCTTGG CAGCTTTGTT AATCTGCCG TTTTCTTAAC TGCTTTCTCTC
 110751 ATCATTCCCT GATTGTTTGT CCAGAGTTGA AAGACTGTTT CAGGTAGGCT
 110801 GTGAAGTTGA CTAGTAGTA AAAGCCCACT GAAGATAATG GTGGTTCAGG
 110851 GCAGTGTGGC AAAGATGGTC AGTGAAGGC TTAGTGAAAT CGTGTGGTTC
 110901 AGAAACAGTG ACTCCACGTG TCATGCAAAA TCCTTGAATG GGAATCTTA
 110951 TTCCAGTTTT ACCAGCATTG TGTTTTGACT TTGGGAAGAC AAAGTAATTT
 111001 GTGTTGACCT ATGATAATCT TGAGTATTCT GATATATATT GGTCTCTAG
 111051 CACCTCTTCT TCTCAATTGT TATGTTTTT TCTCATACAT TATAGAGAGA
 111101 CGTGTTTTAG GTACAAAGGC AATGTCCATG TGTAGCTGCA TTATTACTGC
 111151 CCCTTTTAGT CAGTTTCCTA GGTCAAGCTT TTTGTCCTGT ATACCTTCTA
 111201 GTAACCAAT CTAAATGGTT TATCTCAAAG GAAAGATGTT ATTGCTTATG
 111251 AGTCTTACTT ATAGAAGTAG ATCCTGTAA ATTTTAGTCT TATGTATCGA
 111301 GGGAAAGAAT TATTAAACTT ATTTTATTTG ACTATGTCAA GAATACAGAG
 111351 CTCTCCTAGG ATTAATTAGT GGTGACAGT ATTACTAATC TTTACCAGTT
 111401 GTGGCAAGAA AGGTGGTTT ATTGAGTAC ACGATGAGTA GAGCTTTTTA
 111451 CAAATGAAG AATGCATGGG AATTCTAAAG GCATTATATT TGGACTCGCT
 111501 AAAGAATTCT GTGTTTATGG TAAATGACT TCAATTAAAG TCATCTAGGT
 111551 TTTGTTCTCA TATGATATAT TTTGAAACT TTTTGTAT TCAATTGCCA
 111601 TTGTGTTCTA AGTACCACAT CGAGTACAAC AGGTGTCAGT GTGAGGTGGT
 111651 AGAGAGAGGA GGGCTGTGAG TATAGAAGAG GTACATACGA AAATGTTGCA
 111701 AAGGTGTGTT GTATTTTTAT AGGATTTAAT TCTCTCCAAA ACCAACTCA
 111751 GTTTAAAAAA ATTTTGTAA TAGCCTAAAA CTATGCAAT TGTAAACAT
 111801 TTGATGGATT ATCTGTGGGA TCTGGTCCCT CAACCTTCT TGTCAGTCAT
 111851 GGAAATAGTC ATAGGCAGAT GGGCTGTGCA CCTGTGTGTT TCTTGGCAGA
 111901 ACTGAGTTCA GCGCCCAATG GGTGTGCCC TCTGTGCTTA GGAGCTCCTC
 111951 CCGTATTGGG AGGCAGGATT GTACTTGAGT AATTTGGGAT GTGCATTTTA
 112001 CCCTTTCTCC TTCTGCGCAA ACGCCTGATA AACTTTGGGA TATGAGTTTT
 112051 GCAAATTTTG GTGAATATAG GCCCCATGT ATTCCAATGA TTCTCCTGTA
 112101 TTTCTGTTTC TCCCAGCAT ATTTTGTGTT GGCTTTTAAG ATAACAGATT
 112151 TTGGTTTTGT TGGACACATT CATACCCAAT TTGTTTTCCA AAGCTCATGC
 112201 CTGAGCCCAT CCAAATGCTA AATTCCTACT TACCCACTCG GGTATTCTCA
 112251 TGCATGTTAG ATAAACAGAA ACAAAGCCAT GCTTAGTAG CTGGCTGGAA
 112301 GGTTTACTGA AGGCTTTGCC AGTCACAATG TTTCCCTATT TTATAGGATA
 112351 ATGTGATTTT TGAGAGACTT TCAAAGACT CAAAATATAT GGAGGAAACA
 112401 TTAGTCCATC TGGAATACTT TGCCACGGAA GGTAAGTGA ATTTGGAAT
 112451 GCTGTTTTTG GCCATTGGAG CTGTACTTTC AAGCATGTTG TCTTGATTTT
 112501 CAGGGGCACA TTCTTCCAGT GCCTGCCCA TCCCTCCTG TGCCCATGGC
 112551 AGTGACAAGA TGCATAGCCA AATCCAACT CATTTACCTG TAGATGCCTC
 112601 TGTCACTCAT CAGCAGTGGT GCAGAGGGAG AGACAGGCCA ACGCACACG
 112651 TGTAAGATCA CCTTTAGTTA CTAGTCCCTT TCTCAGAAAA CTCATATGGT
 112701 TATTTTCTCT TCCCTCTCTT GGTGTCTT TAATCCATGA
 112751 CTTAAGGAAA TAATAATTCA TGGAAACCAT AGTGAGCAGG AAAGGAGTTC
 112801 TCTGGAAGGC TATAACAAC ACTGATGTCA GGTGTTCTCT CTAGCGAATG
 112851 TCATGATAGC TGGAGCCACA CTCAAGTGCT AACTGCTGCT TTCTGGCCTC
 112901 TGGCTCTGCG TGCATGCACA TATGAGCACA TGCTCACACA CACGCATGGG
 112951 TGTGGCTGCC TGAAAGCCTG GATCTTTCAT GGGATAGCAC GTGGGGCCTT
 113001 TCCTTGCTGT CTTGAAACAC ACTTCCACCT TCCTCTGCTT GCTGAAACCT
 113051 GTTTACTGCA CATGGATCAT GCACAGCTCC CGAACCTCTC TGCCATGGAG
 113101 AATCACTCT TCTGACTCT CGCGCACTCT CAGCCTTACG GAAGAGGTAG
 113151 TTTATGTTAG AATACAGGAG AGCTGTTTTT AAAGTCCCT TGGTAGATGT
 113201 GGGAGTGTG AATTAGAGTG ACCTAAAGCA CAGAGTCTCT TCAATTTTTT
 113251 TGGGCATGCT GATGGAAGG GGAGCACAGG CTGTCCCTTA GGAGGTACG
 113301 CGTTCTGCTT GCCTCCATTC ACCAGTGGCT GTCTTGCAGG CTGCGGACT
 113351 CTCTGTGTGG CTTATGCTGA TCTCTCTGAG AATGAGTATG AGGAGTGGCT
 113401 GAAAGTCTAT CAGGAAGCCA GCACCATATT GAAGGACAGA GCTCAACGGT
 113451 TGGAAGAGTG TTACGAGATC ATTGAGAAGG TAACCGCACA CAATACAGTC
 113501 TTTTCAGCTC CATGAAGGAC TTAACCACT ATTTCAAAA GTATTGAAAC
 113551 AGGAATCCTT TTAGTATGTA GGGATGTTCT CTTTCTTGT GTCTTAATGA

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113601 ACCGTTAGCT CTGAATCATT TTCTTTGCTT TAAGAAGCAC TTAATTTTCA
113651 TGGTCTTTCT GAAAGCTCTA GCCACCCTCA GCTAAACATT AATGATAGCT
113701 TAAGAAATAT CAGGTCAAAA ACAGCATCAG CGACTTTCTG GGTTTGCTTA
113751 AGATTAGGCT TAATGAGATT AACTCACGCT GTTGAGTTAC AGGAGCAATC
113801 AGAATGCTGT GGAGGCTGGT TAGATGTTGT ACATGCTAAG CTTTCTCGCA
113851 CTAACCTTAT CTAATGATAT TTAACCTTTG CCGTTGCTAC TCCACATTGC
113901 CTACTTTGAT TTTGTTGTTG TTGTTATTCT TTTCAAGTTA TCCTAAGGCT
113951 TTAGCTCACT TTCAATTTAT TGGTTTCTT CAAGTGTGGG AGCTGGGTTT
114001 CAGCTTTTTT TGTCTCATGT TGGCAGCCAT AGGGCCATCC AATTTCCAGT
114051 TTCTATAACT TTTTTTTTTA AATATAGAGA CAGGGTTTCC CTCTGTTACC
114101 CAGGACCCAG GCTAGAATGT AATGGTGCAG CCATAGGTCA CTGCAGCCTC
114151 AAACCTCCTGG GTTCAAGCTA ACCTCCTACT TCAGCCTTCT GAATAGCTGG
114201 GACTACAGTC TCATGCTACC ATGACTGGCT AAGTTTCATA TTTTTGTAG
114251 AGATTGGGTC TTGCTATGTT TCCCAGGCTG GTCTCAAACCT CCTGGGCTCA
114301 AGCAGTCCTC ATGCCCTGGC TTCCCAATC CCAAAGTACT GGGATTACAG
114351 GTGTGAGCCA CCATGCTGG CCCAGTTTCC ATAACCTTTGA AACCATCACT
114401 TATTTACTGT TTTCAATCCT TTGTTGGTTT AAAAAAATC TCCTCTGCTT
114451 TTTTTTACTC AGTTTTTTTG TTTAAGTTT ATATTCAGTT ATTTATATTC
114501 AGTCATTTTA ATGTACTGAA TTAATAATGAA CTGAATAAAT CTGAATTCAG
114551 GTGTTTATTT GCCCTGTTTT ACTGGAAATA GCCAAAATTA TTTTLAGAAT
114601 TAGAAAAAGG TGATTAAATA GGTGATGTGC CTGTGGTGA TGCTCAAGAG
114651 TTGGATCTTC CCACAGCTG TGACCAAGTA GAGGTGCTAT GTCCCTGGAGA
114701 GACTTGGGAT GTGAGTACAT GGAGCAGGCC GTTTGTACAG TCTCTGGAAT
114751 TTGCCCGACC AGCAGGCACA GTGCGGGCAG CTGGAGGGAA CCAACATCC
114801 ACACCCATCC TCAGCATGAG CTGATCTGCC CTGGGCCTTT AAGAGGACCA
114851 AAAGGGGCAA CATTTTATAG CTACCCTCAA TCTTAAGATA CTTGGATTTT
114901 TTTTCTCTCA CTGTTAAATC CTTAGCACC CAGGTCTCTT ACTCCTATTT
114951 TGCCAGGTAA GTGTATTATC TAGAATTAGT TCTCCTCCTT TGTTAAATGT
115001 GACATAATAT GCTACTCATT AGTGGACTGA GAGGAAGGGC TCAGGTACTG
115051 TCAGTGTCTC CGGGATAACC TGCCCATCTG CTCTGCTGCC AGATGGCTTC
115101 TATTCTAACA AGCCCCGTGA TCAAGAAATC AGTGATGAGT ACTGGGCTGC
115151 CTGTGTGTGT AGAGTGAGTC CACCATGCA AGGCATTTGG AAATGCCATC
115201 CATCCAGATG CCATCTGTAG ACACAAGTAT AAAATAGAGG AAATAGAACA
115251 ACTGTCTCAG AACCGTTTGA TTGCCTTTCT TTGTGAGAAT TTGTTAGTGC
115301 TGTTCTTAAG TATGTGCCAA TCTTAACTG AGGATATTTT TTCAATCTAG
115351 AATTTGCTGC TACTTGGAGC CACAGCCATA GAAGATCGCC TTCAAGCAGG
115401 AGTTCCAGAA ACCATCGCAA CACTGTTGAA GGCAGAAAT AAAATATGGG
115451 TGTTGACAGG AGACAAACAA GAACTGCGA TTAATATAGG TAATTATTTT
115501 TACAAATAAT TTCCTGATGC TGGGTTTTGT ATTTGTTTTT CAAGTATCTT
115551 TTAATGTGT CTAAATGTTT CTCAAATTCA TTGACAGATG ATGTTTTATA
115601 GGAATCTTCA TTCACAAGGC TAAGGAAAT TGACCTAAAT CAAATGAAGA
115651 TGCCCTCATG CCTGTTACAA ACATTAAAC TATCATAGTT CCTGGAAAAG
115701 AATTAGACAC ACTTACATAG GGCATAGAAT TCAAGATTG ACAGCTTTGA
115751 TTTTCTTATT CTTTCTTCA CAAAATTTTA GTCTGAGACT AAGAGAGCAT
115801 GTTTTTACTA GGTTTAAATA TGCGTTATTA TTTTATGTAA TTATAACCAT
115851 TTTAATGGTT TTGCCCATTA ATGGGCTTTT CTAAGAGCCT TGCATCTTTC
115901 CCTTCCAGC TTGTTGACAA CTTCTTGAC TGCAGAGCAT CACAGAGATG
115951 AAAATTGAAG AAAAGGAATT TAAGTCAGGA TAACTCTGCC GTTGTAAAG
116001 GAGCACGTTT TAAGTTTGAA AAGGAGTTGA AGCTACTCAT TTTTAAAAA
116051 TCTAATCTTG ATTATTGAA ACATTAAAC ACTATCTGGT ACTTTGATCA
116101 GCATTATGGT GTAACAAGAC CTGGTGATA TGTGGTAAAA TGAACACTGC
116151 ATAACTTAGA ATAGCTTGCT AGAAGTAGAC TCTATTTCTA TATCTGTTTC
116201 TATGTCAGTG CTCTGTGTTT TAGGAAGAAA CCTGCTAGAG CCTTTGTATT
116251 TAAGTGACTA TAGTCCTCTT CAGAGTAGTC TTCTTGGAAT ATTCTCAACA
116301 TAATCCAATG GTGTCCTTTT CCTGAAAACC TTATCTTTGA ATCAGCTTTG
116351 TCTCTCATGT AACCTCAGTT GTAAATAATA CCTGCCTTCT TGGATAAATT
116401 TGATTTAAAA AAATAGACAA AAGCCATGTA ATCATTTCTT GTCAGGGATA
116451 TAGCTAATTA AATGGAAGTT GGGCTCCCAA ACAACGGAAG TTAAGCTCAC
116501 AAGAGAGTAA CATAGGATTC ATAAACAGTC CCTGAAGAAT CAGCCATAGA
116551 CTTTGTCCCT GGATTTGTGC TGGTTGTCAT TCAGATGCAT GGTTTTGGAG
116601 AACAGTATGA TGGTATTTTA GTGCAGAATC ATCACTGCTA CTAGAAAATA
116651 CAAACCCAAAG CTTACAGCCC TTTGATGATG TGTGAGTAGC ATTTTACAA
116701 ATGAAGAATA ACACATTTGC TTTTGTATG CTATATTCT GTATAAGTAT
116751 ATACATTGAC CTTTATGTG TTATTTTCA TATAAGTTG GCCTAAAACA
116801 CCTGCTATGG ATCTGTGGCC CCTGTGTTT GCATGCTAAG TTGACTGTTA
116851 CCCTGAAATA CTTACCTAAA ATTTAGGTGA TATGCTTTCC ACCCTATTAG
116901 AGCAATGTGA AAAAAGTGGA TAACCCCTCA AGTTAAATTT GAGCTGTAAA
116951 GTGGTAACCT TTCTTAGTTT TCCAGATCTT GAGCGTTCCC GCTGGCCTAA
117001 TAACCTATGC GTGTCACTGG CCCTAGACTG AACTACCTTC AGTGTGTTCT
117051 TGGATGTGCC CTGGCTGGAA AAGCACCACA GCTCCCTCTC ACTGCCTCTC
117101 ATCCACACCG CCCGGCCCTT GGGAGCACAC GCAGCCCTTT TTCGTGTGTG

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117151 TTCATTTTAT TATACCTGAG CCTATCTAGC TAAGTTTGGG ATAAACACAA
117201 GAGAAAGCAA AGTGCTGAAA ATCAACCCAG AAAACACAAA TGGATTATTA
117251 CTCAAAAACG AAAGTTTAC TTGTATGTGA TGAGGCTGCT CTGAGCCTTA
117301 TGAGATAATT GATACCTGTC CAAACAATTT TTTAAAAATA ACGATTGTAT
117351 TATTTTGTAC TTTTCTCTA AGTGGGTGTA GTAACGTGTA GTGCTCATGC
117401 CAGAACCCTG CACATCATTT GCTATCTCTT AATTGATCTT TCTTAGCAAG
117451 TACTCTCCAA GACCGCTAGA AGATGATGCT TTATAAGCTG AGGACTTTTT
117501 GTCAAAGTCT TATGTTTATC CTGGAGGCTT TCTCTATTCA CATTTTATCT
117551 AGTGATCAG TCAGATTCAA ACACATCTTG GGTGTTACTA AGTAAGCTTC
117601 TAACAGCTAG ACAATTGATT TCTTTGAGAG AGCTATGTCT GAATTGTTTC
117651 TTCATTACAC CTTTGAACCT GAAGCTTGTA GCCTTGGGTG ACGCCGAGAA
117701 TTTAAATGTC GTCTTGTGAT TTAAAGTATC TGTCAAGCCT ACAAATGATG
117751 CAGAAGGCTC AGGAAAGCAT ATACGTCCCG ACATTTTATT AGACTTTTCA
117801 GTGTGGGACC ACAGGCGGCA GCTGTCAGCA GCATGAGGTC ATGCTCTAGA
117851 TACAGAGTGG GTTCTAAGC CTGTTTCTA GTCATATAGC CCTCATACCC
117901 CTGGTAGTAT GAACCATTTT GGACCTGTCT CCCATAATAC TTTACATTTT
117951 CATGCATCCT GTGTGGATT TAAAGTATCC AGAAGATATT TGGGAAGATC
118001 AAGTATCTAG CAGTTCTCCT TCTAGATGAA AAAAGGGAAG CAGAGCAAGT
118051 AAATGGAGTG TCTGGCAAGT GCCAGGCACT ATACTAGGAG TGTTTTCTGA
118101 AAACCTCTTT TTTAATATTT ACATATGAAC ATTCTTATAG CTCGAGGAGG
118151 AAATCTACA TTTCCCAGGG CTATACCCTA CTTAATGACC AAACCTGGTAC
118201 TAGTCTCAG GGCCTTGAC TTCTGGTGTG GGGCTTATTT AGAGGGATTC
118251 ACATAGCTTT TGCAAAAAAT GCTTTCTGAA ATTTGATTTA GAAGACCACG
118301 GAGAATGGTA CTACATTTCA TCCATTCCAA GGTGCACATT GTTTTTACAT
118351 TTTAATGTCT CTGAAATGGG GATGTCGTAT AGTTGTTGAC TCTTAGCTTT
118401 TAATGTCTAG CATTATCTTA GTGGTATGTA CCATAAGAGT TCATCTTTAG
118451 ATTTGGTGAC ATTAATTATC TTTGGTGTG GGAGGTGTTG GCTCTTTTGA
118501 GAGTTTGGTT TTTTAAAAATA TATATATCTA TCTCGTAGTT TGAGAATTTA
118551 TTTTAAAGT TTAACCTTTT ATTCATACCT TAGAAAAAAA ACACACAGTC
118601 AAATCAAGTT CCAAGACATG TGTGTCTCCT GTGAGCCAGT GAATTGTATG
118651 TAGATAGACA ATCATCTTGT GTATAGGTTT TAGTAGTTTG AAATTGGCAT
118701 GTTGCCAGAA TCCTGCAACA CTGTGCTTGA ATTTATGCTA ACTAGCTGTG
118751 TTTTGAGGAG TTGGCGATTT TCTCTTTTAG CTTAAAAATT TGGCATCAGC
118801 TGGTCTAAAG TGAATTTTCA GATGTAGCCC TTGTGAATTT CGTAGTGGTC
118851 ATTTCTTAT TACCACTGAA TAAAACGTCT ATTAATAGT TATGCAATAG
118901 ATGTGGAGTT TTCCGAGTCT GTAATTTTTT TTAATGGATG TAGGATGAGT
118951 GAGAACAAAA TCCTAGTGTG TATTCATTT TAAAGTAGTT AAGTTGGCAT
119001 TAGCTTTCCT CTTAAACCAT TTCTGAATTG AAATTTAAAG TCTTTCCCCC
119051 ACCCTCCCTG CATTTTGTGA CCCATCATTT GATACTTTTA AAACCATTTT
119101 TTATGGTCTT AGAGGTTTAT TTTTAAATT TTAATACATT TTATTGTGTA
119151 TAAGGTAAAC AATATGATGT TATGAGATAC ATATAGATTA TCTTTGAAGT
119201 TTAATTTTAG GAAGTGACTC AATATGTCAC TTGCCCTCC TGTAATTGCC
119251 TGTACATTTT CTGTTCATT AAAAGGAAGG CGAGTTGCCA TTCTCAGGTG
119301 AAGCTGGGCT GTGAGGGTGA CAACACTGGT GATGTTCTCA ATCTTACTGC
119351 TGTTTTTCAC AGAAGATTCA GTCCTGTATT TCTTGATTAC CTGCAGCTAA
119401 CATTGCCAGG TGCTCCACTA TAAGCTTGGG CAACCTTACAT TCCCACTTG
119451 GGGCATGAGT TAATTATGAG ACAAATCAGA GAATGAAACA GATGAGGAAG
119501 TACCAATTGT GCAGTGTAGA TGTAAATTAT GACTGGCTTT TGTAATAGTT
119551 ACTAGCAAAT GTTATCTATT ATGTGCCCGA TACTGCACTA AGTCCTTTAC
119601 AGATGTTTGA TATTTAATTC CCTTGGAGAA TTTAAAGGC ATTATCCCCC
119651 TTTAAAGATA AAACCTGAGG ACAGAGAGAT GAAGTAACTT AGTCTAGGTC
119701 ATACAGATGT GAGAAAGCTG AAAATCTGAG CACTTAACCA CAACACACAG
119751 TGTTCAATTC TCAGAAGGAA CAATATGAGT TGTAAAGGAC CAGGGAAGTC
119801 TTCCTGGATG AGAGGAGTTT AAAACTTGAG CCTTCAGAGT TTGTTTAAAA
119851 CAAAAATGAC TGAGAATAGA ATGGGTGAGG ATGTCCCAAC GTGGGGAGAA
119901 GCCGTGAGGT GAGGTTGAGG GAGCATGTTT TCTGTGTGG CGAGGGTTCC
119951 TGAGAAGGGC CTGAAGGGTC TCAAGGGAGA GGTGCCCAGG CGTGTGCTCC
120001 AGGGACAAGG CCTCAGCTCC CTGGTTCTCT GGATGATGAG GGGCTCTGGA
120051 CCGGCTGTCT TTGATCCCAC CTGGGATAGC TTAAAAGACC GTCTTTTGTG
120101 ATGCATTCTT GTTGTCTGCC AGTGTTTTTC ATACAGGCAA ACACTGACTG
120151 ACCAGATTCT CTGTAAGCT ATTGAGAACC AGTAACATGC TCACTGCGGG
120201 TTGGTACCAT GTTGAATCCT GTGATGGGTA GCTTGGTGGG TGTGATCTCA
120251 GGATATATGG TGTGGAAGGA TACATTGTTT CTGACTTTT CAAAAATGTC
120301 TCCAGAGAAA TCTGGATTG ATATCAAAAC CAGTGTCTC CTTTTTAAAG
120351 GAGGAAACAG GTTGAGACAG CTGACAGATT TGGTTTAGTA ATATTTTCTA
120401 GTGTGAAGCA TTATCTTGTA TTAATATCAA GTCCTGCCGT AAGTACCATA
120451 GACTATATAA TATTTTGGTT TCTTTGAATG TTGATTATAC TCAGGTAGTA
120501 GAAAGACTAA ACCCTTTTGT AGTATACTGT TAATTTCAAC TATAGTAAAA
120551 AATGAAATCC CAGAGGTTCT CCTCTCAGTC ATTTTATGGC CGTCTTGTTA
120601 GATTGCGAGA TTAAGAAAGT AGACCTCAAT TTACAAGTTT GGATTGACAT
120651 TCTATACCTG GCTCTTCTCC AAGAGTTGAT CTCATTTTAT CAAAAACAT

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120701 TAGAAATCAA GCACACCAAA TGTGGATTGA CACAATAAAT AATTGCTAC
120751 ATTAGTTAAG CCACAATTAA CTGGGTAAA CTCCCTGGT CTGTCTAGTG
120801 CGAGTGTCTC AACTGATAAT TCTCTAAACA AAATCTCACT TCCGTATCCA
120851 AACTAAAAAC AGCAACAACA AAACCTTAA CCTGTTTCTT CTCAGAAGCC
120901 TTTAGTTTTG TATATTAAA TTCATGAAAG TGTCAGTAGT TTTTTTTTCT
120951 CTCTCCCCCT GCCATGGCTA GAAAAAATA GACTGAGTTT TTCCATAATA
121001 TCTTTGTGTA GCTTCAGTTG TCAAATGGCA TTTTGCTTAA ATTGAAAAAT
121051 ATAAAAATAA GCAGCAAGCG AGGGCTTAAA AATTACAGCC AGCTTCTGCA
121101 GCTGTTGTTG AAGTAAAAAA CTACCAGTAA ATCCTTTTGC ATTAGTTACA
121151 CTAATTTGT AACAGTCTAT ATTGCATGAA GTTGCTGAAA GTCTCTGGGG
121201 ATGAAGAAAG AATAAATCTA ACATAGAGGG AAATGATTAA AGTTGCAATA
121251 TCCCTCTTTG CAAGTGAAAA GAAATGTAG ATCTCCCTTC TGGACCTAAT
121301 CTAAGGACTT ATAGGAAGGA AGAATGCATT TGTAAAAATT TAATGGGAAA
121351 CAAAGAGTTT GATTATTCTA GTCCTACCAG GCAGAGCTTT TAATGGCATT
121401 TTGAGAGGGT CTCAGTTTAA TCCATCACTG TTGTTAAAT ACAGACTTGA
121451 ACTAGTTTGT AAATGTATAG AAAATTGCTT CTGTTCCTCC CCTCCTTTT
121501 TTTTGTTTTA GAGATGTAAC AGGTATTTGC CCATGTGGTA TTGTGATTTA
121551 AAATATTPCA GTTTGTTTGT GCTTTAAAAA CAATATGTGT TTGTTTTAAC
121601 AAGAGAAATA ATCTGATTCC CTGAGATAA CTGTTGTAA CAGCCTTGCC
121651 TATGTCTTTT TCATATTGCC TTAAAAAATT AACATTTGGA TGAAAAGCCA
121701 TAATTTTGGC CTTTAAAAAT TGATCTTGGG GGTGCTTTAC AAAATGTCT
121751 ACATGGCGGT CCTTAGGAAG GATGTACTTT CTGAAATACA CAAACGAAAT
121801 TTTTTTACTG TTTCTTCAA CCCCTTCATT CCCCCAAAA CCCACAACAT
121851 GGTTTTTTCT GGTCTTAATT TTTGTCTATC TTGAATTTCA TTTGTIACCT
121901 GTTAGGAGGA TTTCTCAGGG ATGAAAAGGG AACCTGCTAG TAGGCTCGAG
121951 CACATAAATG CAGCAGTTCT GCTCCTGTGC CCTTAGGTAA ATGCCGTCTT
122001 CTTTGCTAGC CACGTGTAGC ATCTGTGAGA AGGATGTCTT CTCCCTGTC
122051 CTGTGAGGAG AATCCTTACT CCTCCCCTG GCTGTAGGAA CAGTACTGGC
122101 CAAGCCCTCC CTTGAGATTG TCACCTGCTT AGTTGAAGGC TGTGATTGA
122151 TTTCCCTTTT CTATAATCCT TAATCCATTA TCTTAAGGTG CTGAGACAAA
122201 ACTAGTTGTG GGGGCCAATA TTCTGTGGAG AAGGATTTTT TTCTTGCTT
122251 TTCTCAATGA GAGAGATTGA GTTGGCGTGT GGTGGAAAGC ACAAGTCGTC
122301 GCTAACCCCC CAAGGCACTG AGAGGATGGC AAGGTGATCT GAGAGACAGG
122351 CCAGTGCCCT GGGCGACACC TCTGGTCTTG GAGTTGCGAG AGCCCTCTCC
122401 TCGCCACCGA GGGTGTGGAT TGGAGGGGAG GCATCCTGAG AGGCGCTCGG
122451 CTTGGTCCAT GACTGCTCAC CCAGGGCAAA GTATGAGTAG GAAAGAGCCC
122501 AGGGCTTCCT AGAAAATAGT TCTCCTGCTG GGAGGGAAAG AGAAAATACT
122551 ATCTCGCTTA ACCCATAGAG ATAACCTTAC TGAAAATGA GAAGGAAATT
122601 GTTAAGAACT AGGAGTACTT TCGTTCCAAA TAAGCCTTTA AAAAAAAG
122651 CCTTTTAAA ATAACAACCA AAGAAAGATT TTTTGAAT GTGGATTACT
122701 TTAATTTTT CACAGGAAAA GTGACTCCCT CAGTGTATTC CTTTGAAACC
122751 TGTGTGAGA ATCAGCTGCT GTCTTAAAGG AAGGGAGGGA GCTAGCTATC
122801 CCAGTGGGTG TGTGTGTGCT GATTTAGGG CACCATTGGG GTCCACTGCC
122851 TTCCTGAAGT GTTCACTGTT ACTTTAGACG ATCCAAGGCT TATCTTAATG
122901 TTATACAAGG ATAACAGAGA TAAAGAAAAA TCCACTAAAA ATTGGGAAGT
122951 ATTTATTTTA GCCTTTAGTT ATAAAGACAT TCCCACTAG TTCTATTCAA
123001 TCTGTACAAG AATCAAAATC AACTTACTTT TCCTACTCCT CACTGTTACC
123051 CTATTCCTCT GTGTGAGCCA ATAGGCTTAA AGTGGCAGAT ATAACCAAGG
123101 AGGTTGAATT TAAGGAGCTC ACAGAAGGAA AGAGAAATTC ACATGTTGTC
123151 TCTTCCTCCA CTTCAGGGTA TTCCTGCCGA TTGGTATCGC AGAATATGGC
123201 CCTTATCCTA TTGAAGGAGG ACTCTTTGGA TGTAAGTAGT TTTTCAAAGT
123251 TGTATTTGCT TTGCTATAAC AGTATTAAC TCTTTCTTTC TACTATCATT
123301 GATAATCAGG GATCATGTTT TGCTAAAAAA CAGTTATGAA AAAACTGTGT
123351 TTATTTTCTG TTTATATTTA TATTTAAGAA TGGATGTCAG AAAGCCTTAT
123401 CTTTAAACAT CAAAACAGTA AGCTTAGAAT ATGCTTCAT GATAATACTT
123451 TTATTCATCT AGAATTGTGC ATTTAAATG GGATAGTTT AATCTGATTT
123501 AGCTTTAATC ATTAAGTATG AAATATTAGT GGAACCTATT ATGACCTACA
123551 TTAATGGTG ATGGTTAATT TCACTATAAG TTACTAAGGA GACATGTATG
123601 ATTTCTTTTC TAGCACAAAC TTTAGAATAA AACTAATATT CAAGTGTAA
123651 GCATTGTTTA AATTTATATA GTGAGGCCAG GTGCAAGTGGC TCATGCCCTGT
123701 AATCCAGCA TTTTGGGAGG CGGAGGCAGA AGGATCGCTT TAACCAAGGA
123751 GTTCCAGACC AGCCTAAGCA ACACAGCAGG ACCTCATCTC TACAAAAAAT
123801 GGAATAATTG GCCAGCCGTG GTGGCATATG CCTGTAGTCC CAGCTGCTTG
123851 GGAGGCTGAG GCTGGAGAAT TGATTGAGCC TGGGATGTGG ATGCTACAGT
123901 GAGCCGTGAT CGTGCCACTG CTTTCCAACC TGGGTGACAG AGTGAGACTC
123951 TGTCTGAAA TAATAATAAT ACATTGCTAT AGTAATAGGA TACATGTATA
124001 CTTAATCTC TGATGTCCCA ATGCTGCCGC ATGAACCCAC CCCATCATGG
124051 CATAAAGCCA CTGAACAGAC CAGCAGTGGG AGCTGATTTG AGGGTCACCA
124101 GCAACCTGTG AAGTGGTTTG ATATGAAAAT ATGAGCTGAA CAATGAGATT
124151 CCACTGTGCA GAACTTTTAA CAAGGGCTTT GTTACTGGCA GGCACCCATA
124201 GCACCCTTTC AGGCAGTATA TTTAATATTT ATATTTAGCC AATGCCAGGG

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124251 GCAGATGGCA CGGTAAATTA CTCTTTTAAA GGGAGGCAAT AAAGTACAGA
124301 GCTTTCTATA CTTGCCAATT GAGAGGGCCA TAACTCCTAT CGTGAACACC
124351 AGGATACTCT CTACCCCTTC ATGAGACCAA GGGCAGGAGG CAGGGGGAGA
124401 GTCCGTAGTT CTGTATGTTT CCAAGGCACC ACTGGCAAGA GACCACCCCTC
124451 TGGCGTGAGT GCTTCAGAAT TCATCTCGGT ACACCTCCTA TCCTTGTTCA
124501 TGTACTGCC TGCAGGCAGC CCAGAGTCCC AGGTCATACC TCATCTCCTG
124551 GAGTCTAATT CTCACATGCT CTGAGGAAAT CTCTCCTCTA CCCAAGTGTT
124601 TCAGTCTTCC CCCCCTCACA CGTCTTTATT TTTCTCCATG GAACCTCTCA
124651 TCATTGGAAA TACTATGTGT GTGTGTGTGT GTGTGTGTGT GTAAATTGTT
124701 GTGAAATACA TCATTTAAGT GTACAGTTCA GTGGCATTAA GTATATTAT
124751 ATTGTTGTGT AACCATCACC ACTATCCATC CACAGAACTC TTTTCATCTT
124801 CCCAAACCAA AATTCTGTGC CCCTTTGAAC AACTACTCTC CATTCCCACA
124851 CCTACCTCAT CCCCTGGCAG TCATTCTGCT TTGTGTCTCT ATGAATTTC
124901 CAGCTGTAAG TACCTCGTGT AAGTCAATC ATATAGTATT TGTGATTTTT
124951 ATGACTAGCT CATTTCATGT AACATAATGT CTTCAAGGTT CATCCATATC
125001 GGACCATGTG TCAGAATTTT GCTCCTTTTT AAGGCTGATT AATATTCCAT
125051 TGCATGCCCTA TACTACATTT TGTGATTCA TTAATCCATC AGTGGACAGT
125101 TGAGTAGCTT ATAACTTTTT TTTTTTTTTT TTTTGGAGAC GAAGTCTCAC
125151 TCTCTTGCCA GGTGGAGTG CTGTGCCAAA CGAGGCTCAC CGCAACCTCC
125201 AATTCCCTGG TTCAAGTGAT TCACCTGCCT CAGCCTCCTG AGTAGCTGGG
125251 ATTACAGGCA TGCGCCACCA TGCCTGGCTA ATTTTGTAT TTTTAGTAGA
125301 GATGGAGTTT CACCATGTTG GCCAGGATGG TCTCAATCCA ACTTTTGACT
125351 ATTTGGAATA GTGCTGCTAT AAATGTGGAT ATACAAATAT CTTTTTGAGA
125401 TCCTGCTTCT AATTTTTGGG GACATATACC CAGAAGTGGA GTTGCTGAAT
125451 CATATGGTAA TTTTACATTT CACTTTTTGA GGAACAGCCA TACTGTTTTT
125501 TTACAGCAGC TGCATCGTTT TATATGGTTT GTGATTTTTT CATATCTTG
125551 CCAACACTGG TTTTTTTTTT TTTAATAGT AGCCACTCTA ATGGGTTGA
125601 GAGTGGTATC TCATTGGAGT TTTGATTGT ATTTCCCTAA TTATTAGTGA
125651 CAATGGACAT CTTTACATGT GCCTTTTGGT CATTGTGATA TCTTCTATGG
125701 AGAAATGTCT ATTCAATCCT TTGCCCATTT TTTAATCAGG TTTTTTTTTT
125751 AGTGTATATGA CATAATTTGT ATTTTCTTA CCTCCCTTTA GTCCCTTAGA
125801 CTGTAAGGTC CATGGTTAAA AACCTGTTTA AAAAACTCG GCATCTCCAC
125851 CTTCAAGACC TTGCTTTGCA CATATTATGC ACTCAGTAAA TGTTTGAATG
125901 AATGAACAAG CTTAAGATAA TTTTCTAGTC ATCAATAAGA ATTTCTATTT
125951 AAAAGTCATG CTGATGAGAT AGTGGCTACA GTAGCCATGA GGGGCTGAGT
126001 ACAAGTTGAT GTTACTAAGA AGTAGAAAAT GAGTAAGCCA AAACAGCGCA
126051 TCGGTGGACA GGAGAGCAGA GTGCTCCTGC AGAAAGGCTC CTAGAACCCT
126101 TGGATGTGTG CACATACCTT ATGAACACAC CCACAGTGTC TGTACTTGAG
126151 GCTTCTTTT TTTCTGATGA TTTTCTGGTT CAAAGGTATC TCTAACCTTG
126201 AAAAAAGCCT CTTTTTCTG GAGGTAACTC AGAAATGAGC CTCTGTTTTT
126251 CCCTTATATC AGATGTTTTT TGGAGTCCAA GAGATGAAC TTAACCTTAC
126301 ATACACATTG AGACTTCTGG TTTACCTAGA CCAAAGAGTG GTTTGTGACG
126351 CCAAACTGAG AAGGGTTTTA TGGGTGTTTT CCGACTTGC CTTGGTTTTA
126401 CCTTCTAAGA ATGATTCCTT CTTAACTAAT TTTGAACCTC ATCTTTTAGT
126451 ATAATGACTG TAATTTATTC AGTATCTACT GAGCAGAGGT GCACTTTCTA
126501 TGTACTGTTT TTGTTTATTA TTCAAAAGGA CACTCCATAT TTCTGACTAG
126551 TGTCTACTGA GGAAGATTCT ACTCCTTCTC TGCCTTCTCC TCCCTCTCAT
126601 GCTTTAGTTG GGTAAAACC ATTCTTATC TTTATTAAT CGTATTTGGT
126651 GGTGGGGAGG GGGATAAAG CAGCGTCTTA GCGCAATAAA GTAGATATAC
126701 AGTAGAGCTT TGGTGGAGCT CCCAGGTTGA GTTTTTAAGT CTCAGGGCTC
126751 CAATAACAAT GCAGATGGGA CAGGGACACA GAAAATGGCC CAACAATTAG
126801 AAGCATTTGG CCTGGCTTCT CTTTATTTC TCTCTCATAT AAGTGTGAGG
126851 GGATCCACAC CTGGCCCTTA TCAGTTTCAT CAGACCAGTA AGTATGGCCA
126901 GGTTCGGACT CCAAATGCTG TAAACAATTA GGATTTATCT CTGTGTTTTG
126951 AGTTTGTCTAT ATGCTGCCAA AATAACTTCT AAGCTCCATA ATATAGATGA
127001 GATCAGTGGT CTTTGAACAA GGTGGAGTGA TGGTGTGCAC CCCAGGGGGA
127051 CACTAGATGA TATATTAAAA TGCTGGAAAA AAAGTTGTGG TTTCTTATTT
127101 TTTTCAATTAA AAAAGTACTG AGAGATTAGC TTTATTGATA ATACGTAAGG
127151 ATTGCCACTG GCATCTCTAA TTTTTTTTCC TGGCACACTG ACCAGAAATT
127201 GGTCTGAGAG GAATGGGTAG GAGGAGGGAG GCATGGCGTT TCAAGTGAGA
127251 AAGGTTGTTA CTGAGACTCT CACTCTTTGA TTTGCTTTTA GCCAATTGTG
127301 AAATATTGCC ATTCATGTGT ATTGGTTAAA TGGACTTGTG GACTAGAGTT
127351 AGTTTTCAAT AAAATGACTC TCACAGATGC TGAATTAATA GAATTCCTGT
127401 TAAAAAATA AGTGAATTGA GGATAACAAC ATTGTAAGCA GAAGCTGCAA
127451 TAATTTGCCCT TGCTCAATGT GTGTGCTAGT TCCAGCTCTT CTCAGCTACT
127501 TGATAGTTAA AACAGTGATC TGATCTGACA GACACAGCAA ATTTCAAAAT
127551 TATTACACAAG ATTATTATAA TTAACCATAA ACTTTGTCCT AAATGTATAT
127601 GGTATCTTTGA AATATTAGCT GTGGTAACAT GAAATTGTAG GAATTAATGA
127651 GATTTTAAAA ACTAAGAATC TTGAGTAAGA GAATAAAAT CTACAACTTT
127701 ACCAGCAATT TATTTTTTAA AGAATGTAGT AATCTAATCA TTTACTCTAA
127751 AATTTACAAA AATCTACTGC AAATTCGTGA ATGATAAATG TCTTTGATAT

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127801 TTGTTAGTAA AGGACAAAAA GTGCTGAGTT ACTTGGAGAG CATTGCGTTT
127851 TCCTGCTGCA ATAATATAGA GAACGCAGTG TAGCAATAAT TAAGTTGAAT
127901 ATGGGTGGAA GACCTATACA AAACCTTGCC AGGATTTATA TGTGTGTGTG
127951 TGTATTTAAA AAATTTTTTA TTTCTATAGG TTATTAGTGA ACAGGTGGTA
128001 TTTGGTTACA TGAGTCAGTT CTTTAGCGGT GGTTCGTGAG ATTTTGGTGC
128051 ACCCATCACC CGAGCAGTAT AACTGAACC CGATTTGTAG CCTTTATCC
128101 CTTCACCC TTTCCCCAA GTCCCCAAAG TCCATCGTGT CATTCTATG
128151 CCTTTGCATC CTCATAGCTT AGCTCTCACT TATGAGTGAG CACATACGAT
128201 GTTTGGTTTT CCATTCTCGA GTTACTTCAC TTGGAATAAT AGTCTCCAAT
128251 CTCATCCAGG TCACTGTGGG AATGTAAACT AGTACAACCA CTATGGAAAA
128301 CAGTGTGGAG TGTCCTTAAA GAACATAAAG TAGAACTACC ATTTGATCCC
128351 AGGAATAACC AGTACTGGGT ATACTACCCA GAGGAAAAGA AGTCATTGTA
128401 CAAAAAANN NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNNN
128451 NNNNNNTAA TTAACAAAT TGTGAAACAT AAGAGATTTA CTACATATTT
128501 GGATAAAAGT GTAGTTTCTA ACGTGTTCAC ACGTATGGAA TAAACCAAAG
128551 GTTATTGTGA TTGAGAGGCC ATCAAAGAA AGATGTACTG GCAAAGATGT
128601 GTTTGCTCAG AGCAAAGCAT TAATTCTTTA ACACAAAAGG TTTTATGAAA
128651 TAAGTATGTA CAGTCACCTG TGGAAATGGCT ACTGTGGAAT GAAAATGGAA
128701 TCAGATAAAA TTCATTAATG ATGCTGCGG CAGAGACTAC ATTTCCAGC
128751 CTCTCTGTGG ATGGGTGTGG CCATAAGATT AAATCTCAC TGGTGGAAATG
128801 TGAGCAGAAG TGAGGTGCGA CCTTGTGCAT TACCATTGTA GAAGGAAATC
128851 TCTTGCCCTG GTTCTCAGC CCTTCCCAT TGTCTGGCTG GAAATGGTAT
128901 GAGGCTGGAG CTACTTTGGG GGCTATTTAT TGGCAACATC AGAGTTGCTC
128951 CCCTCGATTG GGGCCCTGGA TGACTTTGGG AAACAGAATC TGCAGATTCC
129001 CTCTGGAATG TTTTTTTGAG AAAAGGTTAT ATATTTTGAA CTGTTGCATA
129051 GGTGCTAGTC TCTTTGTTA TCCTCACCCT ACTAATCGTA CAGAACCCTGA
129101 TATTAAGT AGGGTCAATA CATGGTGCTC CAGCATGACA CAGTGCAGGG
129151 CTGTCTCAG AGAGAGAGGA GGAGGGTCTG ATGTGCTGG CCAAGGAGAG
129201 CTAACAGGAT TTGAAGGTCA AGGGATTGG ATTCATTCAA ACCAATACAT
129251 GTGTCTCAT TCAGGTTCTT AAGGTCCAC TCTTCCCAT CAGCGCCCTA
129301 ACTTTCATGA AAGAGACCTG GTTAGTCTAG GACTACAACA TTCATTGAAT
129351 TCTACAACCC ACAGAATTAA CTTTTAGGC TGCATATGTC GGGCTGCTAT
129401 GAGAGAAGAG GTTCTCTTAG TCTGTCATAG AGACTCTCTT GTCTTCTGAC
129451 TTTGTCTTGA CCTCTGATT TGCAATTTT ATTCTTTAAG CTTCACAGTG
129501 CAGTGAGAAA GTGGCTGACC TATCCTTAAT CTGTATTAT TTCTGCTCTA
129551 ATGGTATATT TCAGTAGCTG CTGTATCTGC CACAGACTTG GCTTTAATAG
129601 GCAGTTGTTA CAAATTGATC ACAGGTAATG ATTTTAAATC AGCTCTATG
129651 AGATACAGTT TACATACCTA CAATTAAATG TACCAATTTT AAGTGTACAT
129701 GGTGATATAT TTTGACAAAT GTATATAAGC ATGTAATCAC CACCCATT
129751 AAAAATTGA ACATTACAT GATCTCAAAA AGTTCAGCC CTCCATATCC
129801 CCAGGCAAGC ACGCGGACCT TCTTCTAAC ACAATGGATT AATTGTGCTT
129851 GCTTAGAATT TCATATGAAG ACTGTCTTT TGTCTGGCTT CTTTCATTCA
129901 ACACAATTAT TTTGATATTC ATCCATGTTG CTGTGTGTAT CATCTGTTCA
129951 TTCTTTTCTT CGCTGGGTAT TTCATTTTAT GGATATTCCA CAATTGTTT
130001 ATTCGTTTAC CTGTTACAGG ACATTTTCAT TATTTTCAGT TTGAGGTTAT
130051 TATGAATAAA GCTGCTGTAA GGGTTTTGTT CTGTGCAAGT TTTGGTGAAC
130101 ATCTGTTTTT GTTTTCTCTG GGTAAATAGC TAGGAGTAAA ATTCTTAGAT
130151 TAGAGGGAAG ATATATGTTT AGCTTTATAA GAAATTGCCA AACAATTCC
130201 ATTTTACACT CCTGCTAGTA TTACCTGCCA GTTTTCATT TTGCGTATCT
130251 TCACCAGTGT TTGGTACTGT CAGTCGTTT AATTTTAGCC ATTCTAGTGG
130301 GTGTGTATTA TTGATAATAT CTCATTGTGA CTTTAAGTTA TATTTCCCTG
130351 ATGACTAATC ATGTTGATT TCTGTGCTT ATTGGTCATT TAAAAATCTT
130401 CCTTTGTTGA AGTCTCTGTC AAACCTTTGC CCATTTAAAA AAACATGTTA
130451 TATGCTTTTT AAAATTACTG AATTCTAAGA GTTTTCTGAA TATATAATTT
130501 GGATATAAAC CCTGTTTCAT AGATGTCTGT TGCAAAATTT TTTTACCA
130551 ATCTTTGTCT TGCCATCCCA TTTTCTTACC AGTGTAGGG AAAATAGACC
130601 CTAGGCTGGC CTCCAATAAT TCCTGCCTCC TGGTGTCTAC ACCTTTGCCT
130651 AATTCCTCC CCTTGAGTGT GTGTGGAACC TGTGACTTGA TTTTAACCAG
130701 TAGAATATGG CAAAGGTAAT GGAATGTCAC TCCCTTGCAT GATATAAGAG
130751 TCCATCTTAG CAGATTGGAG TGAGAGACTT TTCTCCATTG ATGGCTTTAA
130801 TAAGTAACCT GCTATGTGT GAGAAGGCCT ATGGAGAGGG CCATGTGGCA
130851 AGAAATTGCA GACAGCTCT AGTAGCTGAG AGTGGCCAAG CCTACAGCCA
130901 GCAAGAAAAT GGAGACCTCA GTCCGACAAT CACCAAGAGA TGAATCCTGC
130951 CAACAACCTG AGGAAGGCTG GAAACAGGTA CTTCTCCAGT CAGGCCCTGA
131001 GGTGAGACTC CAGCTTAGCC AACACCTTGA TTACAGCTC ATGAGGTCCT
131051 AAGCAGCAGA TTTAGCTAAG CTGTGCATGG ATTTCTTATG AGAAATTGAG
131101 ATGATAAATA TGTGTGGTAT TCTACGTTGC TAAATTTCTG TTAATATGTT
131151 TCATAACTAT AGAAAAGCAG TATAAACACC TTTTGAAGAG CCAGAAGTTT
131201 TTTGTTTTTT TTTTAAATTT TGTGAAGTC AAAATTTCTT TCTCATTTTC
131251 TTCTTCTTTT GCTGTGATTA GAGCTTTGGT GCTCTCTAAG AGATATGTAC
131301 TTAATCTAGG ACTGGGAAGA GTGCCCTCTG TGTTTACTTC CAGGAGTTTT

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131351 GTAGTTT TAG CTTGTAAGTT TAAGTCTGTG ATCCATTATT GTGCATGGTA
131401 TGAGGTAAAG ATTGAGGTCC AGTTTATATC CCGTATAGTT ATCTAGTGT
131451 TACAGCATCA TTTGTGAAAA ATACTACTAC TTCATCATTG AAATACCTGT
131501 GCTTTTGTG GAAACCTATT GAGCATATAT GTGACTCTTC CTCGACCCCTC
131551 TAATTTATTG CATTGTGTGA TGTATCCCTC TTGTGCCCCA ATTCACATT
131601 GTCTTCAATA TGATAACTTT ATAACAAGTC TTGAGATCCT CCAACTTTAT
131651 TTTTTTTAAA GACTGTTTTG GTCGTTTCAG GACCTTTGCA TTTCTGTATA
131701 CATTTTAGAA TCAGGCTGTA GATTCCCTCCA GAAAGCCTAT TGGGATTTTT
131751 ATGGAGATT TCCGAAAATT TATGTGTGGA TTTAATGCAA TTTGACACTT
131801 TAATGGGATT GATATTGCA TTCTATGAAC GTGGGATATC TCTCATTTAC
131851 TTAGGCTCTT AAAATTACTC TCAGCAGTAT TTTGTAGTTT TCAGTGTACA
131901 GGACTTGTGC ACGTCAAATT TGCTTTTTCT GATTATAATG GCTCCTTTTG
131951 ATTCTTCCAT TTCTCTTCAT TGTATTTATG CATTCTTTT AATCCTTTAA
132001 TATGTATTAG ATAGCTCATT TAAATTCCTC CTCTGCTAAT TCCACTTCTT
132051 TGTCATTAT GGGTCTGTTT CTATTGCTT ACTTCTTTTG TTTGTTATAG
132101 GTCACATTTT TCTGTTATTT TGCATGTCTA GTAATTTTTT TTATTGTATG
132151 ATGGTTATTT TGTGATTGAG TGTCTAGATT CTGTTGTTT CTTTTAAAGA
132201 ATATTGTGTT TTGGCAGGCA GTTACTTGTG AGTTTATAGT TTAAGTATAG
132251 ACTACTGCAG CTTTCTTACC AAGTTATAAC CTGTTGGTGC TGCTGCCTAA
132301 GACCCCAAGT GTTCCCTATG GTTTTTCCAC TGTCAGTGCT GGAACCTAAG
132351 TATCTTCCAA TCATGCATGA GCCCTGGGAA TTTTTTTTTT TATCTTACAG
132401 CACTGATAGT TGTCTTTTT TCATATATAT GAGAAAAAAT ATATGTATCT
132451 ATTTTAGGGT TTTCTTTCCC CAAATTCAT GTCATGTCCC TGTACATGTG
132501 CATAAATTAG CATTGCTTA AAGAGCCAAG GGGACCCCTA CAGATGCTTG
132551 AGCTCTTTCT CTGTGCAGTT CCTTCTCTCC CATATGCTGC TTTGCAGCTC
132601 CTAGCCACCC AGCATTCTCT AACATTCTTT GTCTCCTCAT AGCAGTGAGA
132651 ACATCATCCT CTGGGTTCCCT CTCCCTGAA TCACAATTG GGAAGTACCT
132701 CTGGTTAGAA AGCTTCAGCT GTCATCGGCT CACCTCATGA ACTTCTCTTC
132751 TTCTGAGGAT TGTCTTCCCTG TGTGCTGT TATCCAGTGT CTGAAAACAG
132801 TGTGTTTCAT ACACCTTTCCC AGTTTCTGCG CTGTTTATAA ATCTTGTATA
132851 CTAGTTACTT TACCACGCCT AGAGGCAAAA TGTAAGTAAT CACTCTGCCT
132901 CTGTCTTTGA TAAATATTAA TTTCCAGTTT AAAGACCTGT ATCACTTGGG
132951 TTTTCTTTT GTAATAATTT ATTGCCCTA GTGTGTGGCC AGTTATCTCT
133001 GATTTTGAGA ATTCACAGGA AACTTAGCTG GATCAGGAGA AAAGAAGACC
133051 AGAATAGTGC ATCTGTTTCA CCTCTGGGTT CCAGGGACGA GGCAGGATGA
133101 TGACTGCAAT GGCAAGGAAA GCCATTGAAT GATCACTTCA GTAGCTATTT
133151 TGGTCTACT TGCCATGGAC AGCTAATATC TTTTTTCCAC TGATGATTAG
133201 GTCATCAGTG CCTTCAAACC CAAGCAAAAG AAATAATTAA TGCCAGTTTT
133251 TCACCTTTGG AATATTCTT AGAACCCTT CTGATACCAA CTATAGGAAC
133301 AGTCAGAGTT CCATGCAGGA AATGGTGACC GTCAAGTTCT GCTCAGGAGA
133351 TAAAAACCAC ATCTGGTCTC TGAACAGAGT GGTTTCAATG TTAAGAATTG
133401 TTAATTAAAG TATGGAGTTT GCTAACTAGG TAACTAAGAG TACAGTAAGA
133451 AAACCTTAGG GCAGGGATTG GCAAAGTACA ACCCTCAGGA GAAATCTGAC
133501 CCAACATCTC TTCTTGCAAA TAAAGTTTCA TTGAACACAG ACATCCCCAA
133551 GGCTAGGTTA AAGAAGTGAT TGTCAGGGA ATTGCGAGCA GACAAGAAGC
133601 AAACAAGAAG GAGCACATTT CTTCTTTGT CTCCAGCTTT GGAGTCTCTC
133651 ATTCTCTCTC TGCCCTCTC CTGCTGGCAG GGCCTAGAGC CACCTGTGAG
133701 TGAGGAGTGT GGTGAGTAGT TCCTACTCCA GTAGCATAGG CTGAACACAG
133751 AAGGGAGCCT GGACAGTGAG AGATGTTAAC AGCTGGCACA GAAATGAATT
133801 TCAAGTGTA AGATTAAAA TAGGAAATTA GGTGCTTGTG AAATTATTGG
133851 GAAAGTGGA GGAGCGAAG GAGCAGAAGC CAGCGAGCCC TAGAGAGGCT
133901 TCAGGTCCAT GCCCTGCAGC TTTGTCCCG GAGTCAGAGC ACTATTGCTG
133951 CTACCCAGGA GACCTCAGGG AGCCACTGCC AACGTCCTGG CATCCTTACA
134001 CCCATGAAGC CAGGTCGAGA TGGTAGAATG TGGTCTCTTC ATGCTCTCTC
134051 TCCTCTCTGT CTTCCCAATC TTAAGCAAAT GCATCTTGTG GATAGAATTC
134101 ATGCAGCATC TTGGTAAGAA AGGAGTCTAA GAAATATGGC TTTAAGCCTT
134151 CCAGTCTCTG AAATACAGGG AAGAACATGG AAGAAGACAG AAATAAATAC
134201 CGAAGCCAGC AGATAATATC TAGCACCAGC TCACCTGTAG GCAGGAAGTA
134251 GGCATCAGGA GGACACGGGA TACTACAAGA TCGCACGGAT GTGGTCTATT
134301 CCATAAAAGT CAGACCTTTA ACATTCACTC GATTCTTCAT GGTACTTTGC
134351 AGTGACAGGT AGAGTGACCA TGAACATCTC GTGGACCACA CAGAAGTTGA
134401 CTATTTTGT TCTGTTGTTA TTCTCATGAC AAAGAACAGT TGTCCAGGTT
134451 AAAGATGATG AAGGATGGCA TAAGGGTCAA GACAACATCT GGGGCGCTAA
134501 CAGGGTGAAA CTCTGCTTT CTGTACTTAG AAAAGTCTTT GCCCTATGGT
134551 AAATCTCTCAT AGTAAGTCGT AGTTAACTAT TTTCAACTTT TCTTTTAGAA
134601 AAGTCCAGTT TTCCAATTTG ATCTTTTCTC TGATGACAGG TGGTTCGTGG
134651 TAAGCGATCT ACACATGTAT AATATGCATA GGCATAATGT CATCATTTGT
134701 TGCTTTAAGA TGAATACGAT GTTTTCATGT GGGATATGAT GAAGGCTTTT
134751 TTGGGTTTTAG AGAGACCACT TTGAAAAGAT ATGTTTAGAA ATAATTAAAT
134801 TGTGTTGTTT GTTTGTTTT GTTGTGTTG TTGTTTTTTG AGACGGAGTC
134851 TCGTCTGTG ACCCATGCTG GCGCCATCTC AGCTCACTAC AACCTCTGCC

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134901 TCCTGGGTTT ACGTGATTCT CCTGCCTCAG CCTCTCAAGT AGGTGGGACT
134951 ACAGGCGCGC TACAGGCATG CACCACCAGG CCCGGCTAAT TTTTGTTTTT
135001 AGTAGAGACA GGGTTTCACC ATGTTGGCCA GTTGCTGTCG AACTGAACCTC
135051 AAGTGATCCA CCCACCTTGG CCTCCCAAAG TGCTAGGATT ACAGGCGTGA
135101 GCCACTGCGC CCGGCCAGAA ATGCTTGTAT TGTTAACGTG ATTTTTTATT
135151 ACACAAAATG TGGGTCACAT ATTTTAAACA GAATACTAAG CAGCCTCTCC
135201 AGTAACAAAA GCTCATGGTC CGTTGAGTGC TTTTTCATGA GTGCCTAGCA
135251 CTTTATATAA ATTATCTCTC TTAACCCCTCT TAGCAACTCT GTAAGGTCAT
135301 GAAATATTCT TTTTTCAGG TTATTGCTAA AATTTTTGAT AGAAACTTTC
135351 TATTTTTTTT TCCTACCATC TGCTAAAAAA TTCCTGATAC TCTTGCCTAC
135401 TTGGTAAGAT TACTTTGTAA TTAAACTTGC TTATCAACAT TTTTGTGTG
135451 TGTGAAGGTA GTAAGATTGT GGTATACTAG AAATGTTGCT TGAACAATTT
135501 TTTTCTAATT TGTTTTTAGG CATGTCCAAT TAATAATTCT TTTAATCCCT
135551 TGAAGGCACT TGCATTTTAA GGTGAGAGAG ACAATTATAA AACATTTTTT
135601 CTTAGGGTTC TGTAGTAAGT GTTATTGAGG AATGTCAGCA GGATGAGGAA
135651 ACAGGGCTGG CCGGGAGGGG AGAAGCTGCT GTGTTGTGTA GGTGGTAAAG
135701 GAAATGCTCT CTAATGAGAT GACTTGGAG CCGACTTGCT GGGAGGGAAC
135751 CATGGGGCTG TCTGGACAGG AGATGGCACC TCCCCTTTG CCTGGAGCAG
135801 TCTCAATTTG CACCTGTTTT CTGGCATAG ATTTAAGACT CCCCTTTTTA
135851 CTCCCAAAGT GCCTTGGTTT GGAGGGTAAA ATTGTATGAT CACCCTGTAT
135901 CTGGAGGAAT TGTGCTTCAG GCAGATGGTC CAGCAAATGC AGAGGCAAAG
135951 GCCGATGCTC CCCACTGCAT TTGAGCAGTG TGTGGCTGGA GGGGAGAGTG
136001 AAGAGGGAGC CAGAGAGACA GCATGAACCT ATCCTGTAGC AGTGATAGAGC
136051 ATTGTTAGGA GATTCTGAGT GAAATGGGTG TCATTGGAAT CTGAGAAGAG
136101 TGACATGATC TGATTTACCT TTTAAAGGA TATCTGGGCC AGGCACAGTG
136151 GCTTATGCCT GTAATCCCAG CACTTTGGGA GGCAGAGGCG GGCAGATCAT
136201 GAGGTCAGGA GTTCAAGACC AGCCTGGCCA ATATGGTGAA ATCCTGTCTC
136251 AACTAAAAAT ACAAAAAAAT TAGCCAGGCA TGGGGGGGTG TGCCTGTAGT
136301 CCCAACTACT TGGGAGGCTG AGGCAAAAGA ATTGCTTGAA CATGGGAGGT
136351 GAAGGTTGCC GTGAGCCGAG ATCGTGCCAC TGCACTCCAG CCTGGGCAAC
136401 AGAGTGAGAC TCCATCTCTA AATAAATAA TAAGTAAAG GGTATCTGTT
136451 CTTCTTTGTG TCTCTGTGTA TTTGACTCCT CTAGGTCCCT CATGTAATAG
136501 TCTTATTGCT CTTTGACTTG GTAATGAATA CTCTACCATT AAAAGGAGTC
136551 TTGGCTAGGC ACGGTGGCTC ACGCCTGTAA TCCCAGCAGT TTGGGAGGCC
136601 AGAGTGGTTG GGTGCTTGA GCCCAGGAGT TCAAGAGCAG CTTGGGCAAC
136651 ATGGTGAAAC CCTGTATCTA CAAAAAATAC AAAAAAATTT TAGCCAGTGT
136701 GGTGGTGCTT GCCTGTAGTC TCAGCTACTT GGGAGGCTGA GGTGGGAGGA
136751 TGGCTTTAGC CCAGGTGGCA GAGGCTGCAG TGAGTCGAGC CTGGGTGACA
136801 GAATGAGACT CTGTCTCAA AAAAAAATA AAAAAATTTA AAAAGAGTAT
136851 CTGGCTGCTG GAGTGAGCAG AGACTAAAGC TGAAGGGAGG CAAAGGCATG
136901 GAGGCAGGAG CCCACCTAGT AGCTGGGGAT GCTGATCCAG GCAGAAGATG
136951 ATGGGGGTGT TGGAGTGGAG GTTGTGGTAT TGGTGTATGG AGGTGGTGAG
137001 ATTCTGGGCA TATAGTATTT TGATAGTAAA GCTGACAGGG TTTGCTGATG
137051 TATTGGATGT GGGATAGAAG AAGGATAAGA CCCGAGGGGT TTGGATCTGA
137101 GCAATTGGAA GGATCAGGTT GCCATTTCTG AGAAGAGGAA GACCATAGGA
137151 GGAGCAGGTA AGGTGGGGGA ATAAGGAATC TTTTTTGGGC ATTTTAAAGT
137201 TGAGATAACT CTTAGATATC CTTAGGGCAG TTGAATATGT GTGTTTGGGA
137251 AATCAGGGGA AAGGTCTATT ATGGAGAAAA ATACTGAGTA ATAGTCTGTG
137301 TAGTGTTTTT AATTCTGTGA GGCTGAATCA GGTCACCAGG ATTGATAAGA
137351 GATAGCAAAT CTCAAGAATT CAGCTCTTGT GGGTGGTGGG GTGGGGGGTA
137401 CTTCAATTGT TAAAAGTTTG AGAGAGGAGA GGCAGCAAAG GAGATCAAGA
137451 AAATATGGCC ATTGAGGTAA GTAGAGAAGC AAGAGAGTTT GAGAAAAATAT
137501 GGACATTGAG GTAAGTAGAG AAGCAAGAGG GTTTGGCATT TTGGAAACCA
137551 ACTGGAACAA AGTCTTTCAA GAAGAAGGGA AGGAACCTGCT GTATTAAATG
137601 CTGCTAATGG GTTCAGTGAA ATGAGGTCTG AGAAATAATT ATTGGATTTA
137651 GCAGCGTGGA GGTGATGGT GACTTGTCAG GAGCTGTCTG GGGCATTATG
137701 GAGATGAATG CTTGATTGGA GTGAGTGCAA GGAATTGGGT GGAGAACAAAC
137751 TGGAGAAAAC AAAAGAAAGT TACAGTGAGT TTTGCTGAAA CTTCTTGTAG
137801 GTCCTAGGTT AGCATGGTAA TGGATTCCCT TATCATGGTG AGCAAATTAA
137851 TGGGTAACCT TATTTTCCA AAATGTGTAG TAACTATGA TTTTAAAGT
137901 AATTCAACCA ATAAATGAA TATTCTTCT TTTAACATT CCTCTGTTTA
137951 ATTGAAAGTG GTAGATATTT GTTATTAATG GTCTTGAAAT AATTATTTGA
138001 ATCAGTCAGA ACTTTAACT TAATGTACCA AGCTCTTTAT AATCTAAGAA
138051 TCTTATTTTT GTTTATGCTT TTCACAAAAC AAAGGTGGGT AGTATTAGTA
138101 TTCTGTATT CTACTGTAGC TACATAACAA ATCATTCCCA TCCAATGGGT
138151 TTGTTTTTGA TAGATAGTCC ATGTTTGTGA AATCTAGCTT TTGGAAGGGG
138201 TGGAACTCAA AAGTCCTTGT CCGTCTTTTG TGCTAATGGT ACTCTTGAAA
138251 GCCCAACTC ACAGAGAGAG ACAGGCATGC ATCATCTGTC AGGGAGCCTG
138301 ACAACTCTTG ACTTACCACT GTTGGCTTTC TAAGTGAAGA AAATCAGTAA
138351 TTACATGGTG CATCATAAAG GTATATCATG AAAAATGTTG AATGTCAACA
138401 GCGATGATGG TTCTTAAGCT GAGATAACAA CCTACTTTGT TGTGACAATG

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138451 GAGTCTCAGG GTATTGTAAG AGAAAAATTA TTATATGAAA GGCTAACATC
138501 TGTCAGGTC CTTCGTCAGT GAACCTTTATT CTGTGGTCAA ATTTCTAAGC
138551 ATAGTTCTTC CTATATAAGG TAACTTATGT AGACCTGGAC ATGTTTATT
138601 TGGAAAGACT TCCATGATGT GTCTAAGACA GAACCTTTGA TGTAGTTCAC
138651 TTGATTAATG GGATTATAGC CATCAAGCTT TGTCTGAGG ATAATNNNN
138701 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
138751 NNNNNNNNNN TAAACCTCAT TTGCCACAT TTAAAAATAC CCAATTCATT
138801 TAATGCTGAA AATATATAT TAATGAGGAA AAAGAAAAAT GAAAAATGTT
138851 CTCTGGGTAG ACTTCCATTA CCCAGAGAAC TGAATAAGT AGAAGTATAT
138901 AGTTTATAGT AATTTTTTGG CTCTTTTAAT TCACTAATAA TACAATAACC
138951 TTGTGTGTAT GTAGTGTATA TACATATATG CCTGTGTGTA TATTGGTAGC
139001 CATTTTTTTAA AAAATGCAAC TACTCACAAT AGATATTCAT GTTAACCTAG
139051 TTTTTTCTCT CGTAGCTGAG ATTGTATCTC TAGATCAACT AATATGTAGC
139101 TGCAGCTCGG TTTTAGAGAA CTATGTAGAT AACATTTTGT ATATTTCTGT
139151 GATTTATTTA AACCTTCTCT TACTTTTGGG CATTGAGGTT GTTTCTAACCC
139201 TTTAATGTCT AGGAAAAGAT CTCATTTTGT TTTCTACTGT TTTATTTGTT
139251 AGAATAAATT CCTAGAAGGC TCCTAGGTCA AGAGAAATAT GCCTTCTTGA
139301 GTGGAGGTAA TCTATATTCA CACACACTTA ACACACATAT GTACATATAA
139351 ATCCATATAC TCCTTCTTGC CCTCCAAGTA AATTCTGCCA GTTAAATGT
139401 AATTTATTTA CTAGGGAATG AAAAGAGCTT ACCACAGTTC TGCACGGGTA
139451 ATATAAATGT TGGAAATGTG GGTATTTTCT CAGTGTGTGT TGTGGAATTA
139501 AAATCCTCTG AATGAGGTT GCATTTAATA TGTCTAAAT TTGAGGCTAT
139551 CATAGCAAAA ATGATATCTT AATAGATGGC TGCATAGCTC ATAACCTGAA
139601 ACACGTGATG ACTTTCCATT TACATAGCTG TCTCCTGCCT TTCTATTTG
139651 ATGTGCCATA GGAGGTGAAC CATGAAAGGT AGTAGCTGTT GCTGACACTG
139701 CTCTGTGTTG AATGATTATT TTCTTTTAAA TTTTCCAATC TTAATTGTAC
139751 GATTTAAGAA CATGTTGAAG AAGAATGATT CATTGGCAGG TAAAAACTAA
139801 AGCCTACTCT ATAAGTTGGA ACATGGTTAT TATTTCTTAG AGATTAGCTC
139851 TCTACTCTGC TTTCAATAGG GAAGTTCTTG ACTTATTAAT TTGCCAGTCT
139901 CCTTCATCCA GCTGAATGGT CTAGTTCTTC TACTTAAAT TAAATTATAA
139951 GCCTACTGGA AAGTATTTTT GTCCAAGTGA GCATATTCAT TCGTTATTC
140001 AGGTACTTTT GCCCTTATT ACCAGGAAAT TAAATGTAAA AATAGTGTGA
140051 AACAAAATGA TTGGTATACT TAAACACCCC CAGACACCCA TCCACCCACA
140101 CATTTTCTAT AGAGGGTTAA TGAGAAGTGA AAATGTTTTT CTGTGCTATC
140151 CATTGTAATA GTTGCTAGTC ACATGTGGTT ATTAATCACT TGAAACATAA
140201 CTAGTTTGGT TGAGGAACCTA TCAATTTTAA GTAATTTAAA TTTAATAGC
140251 CACATGTGAC TAGTGGCTAC TGTACAAGGC AGCAGAGTGT AGATAATTTT
140301 CAAGGGTCCC CGACCCCCAG GGCACGAAAC AGTACTGGTC CATGGCCTGT
140351 TAGGAAGTGG GCCACACAGC AGGAGGTGAG TGGCAGGCGA GCTCCCATTT
140401 ACCACGTGAG CTCCACCTCC TGTCAAGTCA GCAGTGGCAT TAGATTCTCA
140451 CAGGAATGGG AACCTATTG TAACTGGGC ATGTGAGGGA TCTAGGTTAC
140501 ATGCTCCTTA TGAAAATTTA ACTAATGCCC GATGATCTGA GGTGGAACAG
140551 TTTCTCTTGG AAACCATCCC CCACAACCTG TGTAAAATTT ATCTTCCACA
140601 AAACGGGTCC CTGGTGCCAA AACAGTTGGG GACTGTGCCC CTAGGACAAG
140651 GGCTGGCCAG CTCTGGCGAG TGGGACAAAT CCAGCTCACC ACTTGTTTTT
140701 ATAAATAAAG TTTTATTGAA ACACAGCCAT GCACACTGAT GTACTGTCAA
140751 TGATCACTTC AATGTACAA AGGCAGAGTT GAGTACAGAT GCCCCTCGAC
140801 TCATATTGGG TTTACTTCTG GATAAACCCA TTGTAAGTTA TAAGTTGAAA
140851 ATAACGTTTA GTACTCTGAT AAACCGATTG TTAAGTCAAA AAATCGTAAG
140901 TTAACCATC AAAGTCAGTG ACCATCTGTA GTTGCAACAC AAACCGCATG
140951 GCCCACAAT TGTAACATAT TTAATATCTG GTTCTTTACC AAAAGTTTAG
141001 TGACCCCTG CCCTGTGTAA TCAGATGGAA ACTGACTCAA TTCCAGTTCC
141051 ATTGCCAGCT GTAGCTATAT TTCTGAAACA GTGTTTTTAA AAATGTTAAC
141101 AAGCATTTTT GGGAGAATTG GATCTATGGC TAATTTGAGA AGATGCAGAG
141151 TTGTAATAA TGAAGTAGAT TCATCTACTA CACTTTTTTAC ACAATCTTTA
141201 ATCCCTTAT TTCATATAA ATCATGCAGA GGTTTATTAT ATAGAATATT
141251 TTGTTAACCA AATTTATTTG ACCAGTGATT TTCTTTTTTG GTAACCTTTG
141301 TTATAAGGGA CACAGACTTA GAAATGCTGC TTTTAAAAA TAGTGAGTTT
141351 TCCTCTTAAT AGATGATAGT AAAATAAGAA GCATGTGAAA GAGAATCCTC
141401 AGAGTAGGAC AAAGGAGAAA CGGATTGAAT TAGTCTATTT TGTGTTGCTA
141451 TAAAGGGAAT ACCTGTGCTT GGGTAATTTA TAAGCCAAAG AGGCTTATTT
141501 GGCTTATGTT TCTGGGACTA TACAAGAAGC ATGGCACCAG CATCAACTTG
141551 GCTTTTGGTG AAGGCTTTTG TGCTGTGTAA AAACCTGTAG ATAAGGTCAA
141601 AGAGGGAACA GGTATGCCAA GAGGCGCTGA ACCCCACAAT GGGGAGCAAA
141651 TCTCCACATG AGATTGGGG TGACAAAGCA TATCCAAACC ATAGCGTGCA
141701 TATTTAATTT CTGGGTTTCA TTAAAGCAAC AGATATTTGA GTACTTTTAA
141751 TAGGTCTGGC AGTTTGGCCA GGTGTAGAC ATAGGATTAC ATGACAGTAT
141801 GTTCTCTACT CTCAGTTTC TGTGTTGCT GTTATAAAT TGAGCAGTCA
141851 TCATTAAATC TCAGCTATAC ATTTAAGTTC TGTGTGACA GTTGCCACAA
141901 AGGAAACGTC TAAGGTGCTA AGTATATATG GTTAGGAAA ATCTTGCAAA
141951 CTTTTTCTGT AAAGGACTAG ATAGTAAATA TTTTAGGCTT TGTGTGCCAT

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142001 ATGCTGTAGG TGTACCTAT TCAATTCTCC TGTGTAATT AGAAAGCAGC
142051 TGCAGATGAC ACATAAACAC ACATCACACA GACAAATATG TCAGTGTGAT
142101 TATGCCATAC ATACATCTAT ATCTATCTGC ATTTGCATAC TTCTCAAGCA
142151 CTTTTCAAAA ATGACCATAC AAATCATAAA GTGTTAACAG AATTTTGGAG
142201 AACTGATTTT CATGCAGCTC ATGTTCTGTG AGTGCTATGC CCTTGCCCAA
142251 GACCTTCAAA AAGGTCATCA TACAAATCTT ATATTCTTGG AAAATTAAAA
142301 ACCTATACTT GCAAAATCCAG TGTCAAAGAG GAAATCACAT TGGAAATTAG
142351 AAAATACTTA GAATTGAATG ATTAATAAAT ACTTTTGCAT CAAATTCATG
142401 GGATATGAAT ATCCCAAAGA GGGAAATTTT TGTAGCCTTA CCGATTAGAT
142451 TACAAAATAA AAAAGACTTA AAATGAACAA GCTATACATA CAATTTAAAA
142501 TGTTAATAAA AGAGCAAGAG AAGATCAACA AAACCAATAG TAAGATTCTT
142551 CAAAAAAACT AATGAGATAG GCAACAAGCA AGTTGATGAA GGAAAAAAG
142601 CAAAAGATA AAAATAAACA ATTTTAGGAA TGAGAAAAGA GAAGTCACAG
142651 GTAGAGCAGT GAGTAGAATA ACATAAGAGT ACAATGAAGA ACTAATTGA
142701 AGCCTAGATG AATGGCCAA TTACCTAGGA AAAATCCATT GCATTCAAAA
142751 TCAGGCTTGA ATAAATAGAA AATGTGAATA GATTGCAAC TATTAAGGA
142801 GTGGCCTCAT TACGTACAAT TTCTACTTAA AGAGAGAACA CCAAATACCC
142851 ATGTGNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
142901 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
142951 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143251 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143351 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143401 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143451 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143501 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143551 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143601 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143651 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
143701 NNNNNNNNNN NNNNNNNNNN NNNNAATTGC ATTGAATTG TAGATTGCCT
143751 TTGGCAGGGT GGTCAATTC CATTCTGGG ATGTATTTC CATTTGTTG
143801 TGTGTTTAC GATTTCTTC AGCAGTGTG TGTATTGGG ATGTATTTC
143851 ATTTGTTGT GTTGTTTATA ATTTCTTTA GCAGTGTGA TATTTTCCCT
143901 TGTAGAGGTC TCTCACTTC TTGTTAGGT ATATTCTTT TTTTTTTTT
143951 TTTTGAGCT ATTGTAGAAG GGGTTGAGT CTGATTGA TTCTCACCT
144001 AGTCGCTGTT GGTGTATAGA AGAACTACTG ATTTCTGTAC ATTAATTTTG
144051 TATCCTGAAA CTTTGCTGAA ATCATTTGTC AGTTCTAGGG GCTTTTGGGA
144101 TGAGTCTTAA GGGTTTCTA GGTATATGAT CATATCATCA GCAACAGTG
144151 ACAGTTTGAC TTCTCTTTA CTGATTGGA TGCCCTTTAT TTCTTTCTCT
144201 TTTCTGATTG CTCTGGCTAG GACTTCCAGT ACTATGTTGA ATAGAAGTGG
144251 TGAAAGTGGG CATCTTGTC TTGTCCAGT TCTCAGGGG AATGCTTTCA
144301 ACTTTTCTCC ATTTGGTATA ATATTTTGA CTGTGGGTTT GTCATAGATG
144351 ACTTTACATT GAGGTATGTC CCTGTATGC CGATTTTGCT GAGGGTTTTA
144401 ATCATAAAGG GATGGTGGAT TTTGTCAAAG ACTTTTCTG CATCTATTTA
144451 GATGATCATG TGATTTTGT TTTAATTCT GTTTATGTGG TGTATCATAT
144501 TTATTAACCT CCATATGTAA AATCATCCCT GCGTTCCTGG TATGAAACCC
144551 ACTTGATCAA GGTGTGTTAA CTTTGTGATA CGCTGTTGGA TTTGGTTAGC
144601 TAGCATTTTG TTAAGGATGT TTGCATCTAT GTTCATCAGG GATATGTTT
144651 TGAGTTTTTC TCTTTTGTG ATGTCCTTTC CTCATTTTGG TATTAGGGTG
144701 ACACTGGCTT TATAGAATGA TTTAGGGAGG ATTCTCTATC TGTGGAATT
144751 GTGTCAATAG GATTGGTACC AATGCTTTGA ATGTCTAATA GAATTCAGCT
144801 GTGAATATAT CTGGTCCTGG GCTTATTTT TGTGGCAAT TTTTAAAT
144851 ACCATTTTAA TGCTACTGCT TGTTATTGGT CTTTTCACGG TTTCTATTTA
144901 TTCTGTTT AATCTAGGAG GGTGTATTT TTCCAGTAAT TTATCTATCT
144951 CCTCTAAGTT TTCCAGTTA TACATGTAA GGTGTTTATA GTAGCCTTGA
145001 ATGATCTTTT GTATTTCTGT GGTATCAGT GTAATAATC CCGTTTCATT
145051 TCTAATTGAA CTTAGTTGGA AATCTCTCT TCTTTTCTTG GTTAGCTTG
145101 AGAATGGTCT ATCAATTTA TTTATCTTT CAAAGAACA GCTTTTCATT
145151 TCATTTATCT TTTGTATTT TTTGTTTCAA TTTTATTTAG TTATGCTCTG
145201 ATCTTGGTTA TTTCTTTTT TCTGCTGGT TTGGGTTTGG TTTGTTCTTG
145251 TTTCTCTGTT TCCTTGGGT GTGAGCTTAG ATGGTCTATT TGTGCTCTT
145301 CAGACGTTTT GATGTAGGCA TTTAATGCTA TGAACCTTCC TCTTAGCACT
145351 GCCTTTGTCT TATCCAGAG GTTTTGATAG GTTGTACCAC TGTATTATT
145401 CAGTTCAAA ATTTTAAAT TTTTCTCTT GATTTCATTG TTGACCCAAT
145451 GATCATCCAG TAGCAGGCTT ATTTAATTT CTTATATTG TTTGGTTTTG
145501 AGGGTTCCTT TTGAAGTTGA CTTCCCATTT TATTCAGTG TGGCCTGAGA

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145551 GAGTACTTGA TATAGTTTCA GTTTCTTAA ATTTACTGAT ACTTGTTTTG
145601 TGGCCTATCA TATGGTCTAG CTTGGAGAAT GTTCCAAGTG CTGATGAATA
145651 GAATTTATAT CCTGCAGTTG TTGGGTAGAA TGTTTTGTA ATAAGTGTTA
145701 AGTCCATTGG TTCTGGGGTA TAGTTAAGT ACATTGTTTC TTTGTTGAAT
145751 TTTCTGTCTT GATGATCTGT CTAATGCTGT CAGTGGAGTA TTGAAGTCGC
145801 CACTATTATT GTGTTGCCAT CTATCTCATT TCTTAGGTCT AGTAGTAATT
145851 GTTTTATAAA TTTGGGAGCT CCAGTGTTAG GTGCATATAT ATTTAGGATT
145901 GTGATATTTT CCTGTTGGAC AATCCCTTTT ATCATTATAT AATGTTCCCTC
145951 TTTGTCTTTT TACACTGCAA TTGCTTTAAA GTTTGTTTGG TCTGATGTAA
146001 GAATAGCTAC TTCTGCATGC TTTTGGTGTC TGTTTTTTTC TACCCCTTTA
146051 CCTTAAGTTC ATGTGAGTCC TTGCATGTTA GGGGAGTCTC TTAAAGACAG
146101 CAGATACTTG TGTGGTGAAT TCTTATCCAT TCTGCCATTG TGTATATTTT
146151 AGGTGGAGCA TATATGCCAT TTACATTCAG CGTTAGCATT GAGATGTAAAG
146201 GTACTATTCT ATTCATCATG CTATTTGTTA CCTGAATACC TTATTTTATT
146251 GTGTTACTGT TTGATAGGTC CTATGAGATT CAGGCTTTAA GGAGGTTCTA
146301 TTTTGTGTTA TTTTGAGGAT TTGTTTAAAG ATTTAGAGCT TCTTTTAGAA
146351 GTTCTTGGCT GGGCATGGTG GCTCACTCCT GTAATCCCAG CACTTTGGAA
146401 GACCAAGGCA GGGGGGGTCA AGAGATCAAG ACCATCCTGG CCAACATGGT
146451 GAAACCTCGT CTCTACTAAA AATACAAAAA TTAGCTTGGT GTGGTGGTGT
146501 GCACCTGTAG TCCCAGCTAC TTGGGAGGCT GAGGCAGGAG AATTGCTTGA
146551 AGCTGGGAGG TGGAGGTTGC CATGAGCCAA GATTGTGCCA CTGCACTCCA
146601 GCCTGGAGAC AGAGCAAGAC TCCATCTCAA AAAAAACAAA CAAAAAACA
146651 AACAACACAA AAAAAAGAAG TTCTTGTAAGT GCTGGATTGG TAGTGGCAAA
146701 TTCTCTCAGC ATTTTGTGTT CTGAAAAAGA CTATCTTTCC TTCATTTATG
146751 AAGCTTAGTT TCTCTGGATA CAAAATTATT GACTGATAAT TGTCTTGTTT
146801 AAGGAGCTAA AGATAGGACC CCAATCTCTT TTAGAGATTG AAGTCTTTTT
146851 GTCTACTTGT TCAATTCTGT TGCTGAGAGA TTCCAGTGTG TTTTGTATT
146901 CTTTAAAGTG GTCTTTTATT TCCAGAGGTT GTGATTGTAG AGTTTCTGCT
146951 GAGAAATCTG CTGTTAATCT GATAGGGTTT CCTTCATAGG TTACCTGATG
147001 CTTTTCCTC ACAGCTCTTA AGATTCTTTT CTTTGTCTTG ACTTTAGATA
147051 ACCTGATGAC TGTGTACCTA GGCATGATC TTTTTCAGT GAATTTCCCA
147101 GGTATTCTTT GAGCTTCCTG TAGTCTAGAT CTCTAGCAAA GCCGGAGAG
147151 TTTTCTCAA TTATTCCTC AAATACGTTT TCTAAAGTTT CAGATTTTTC
147201 TTCTTCTTTG GGTACACCGA TTATCTTAG GTTTGGTCGT TTAACATAAT
147251 ACAAACCTTC TTGGAGGCTT TGTTCAATTT TTTGTATTGT TGGATTGTGT
147301 TAATTTGAAA GCTTTGTCTT CAAGCTCTGA AGTTCTTTTG TCTACTTGTT
147351 CAATTTTGTT GCTGAGATGT TCCAGTATAT TTTGTATTTC TTTAAGTGTG
147401 TCCTTCATTT TTAGAGGTTG TGATTTTTTT TATTTATGTT GTCTATTTCT
147451 CTGGGGATT TCTGTCCAT ATCCTGTAAC ATTTTCAAAA TTTCTTTAAG
147501 TTGGTATTCA CCTTCTCTG GTGCCCTCTG GAGTAGCTAA ATAAGCAACC
147551 TTCTGAAGGT TGAGAGATTT TTTTCTTGGT TTGGATCCAT TGCTATGAGC
147601 TAGTGTGATC TTTTGGAGGT GTTAAAGGAC ATCGTTTGTG CATATTACCT
147651 GAATATTTT TCTGGTTCTT TCTCATGTGG GCACATTATG TCAGAGGGAA
147701 GATCTGGGGT TCAAGGGCTA CTGTCTAGAT TCTTTTGTCC CATGGGGTGT
147751 TCTCTTGATG TGGTGCTCTC CGCCTTTTCC TAGGCATGGG GCTTCCTGAG
147801 ACCTGAACCT CAGTTATTGT TATTTCTCTT CTGGATCTAG CCACCCAGCA
147851 GAGCTGCCTG GCTCCAGGCT GCCACTGGGG AATGTCTACA AAGAGTCTG
147901 TGATGTGGAG TGTCTACAGG TCTCTCAGCC ATGGATACCA GCACCTGCTT
147951 TGTGGAGGTT AGCAAGGGAG TGAAGTGGAC TCTGTGAGGG TACTTGGTTG
148001 TATTTTGTGTT TAGTGCACTT GTTGGCCTCC AGCCAGGAGG TGGCACTTTC
148051 AAGAGACCAT CGGCTTTGGT AGTATAGGGG GATACAAGCT TGCCCTAGGG
148101 TCACCTGGAT AAGTATGGGG GTTTCTCAGG CAGTGGGCAG GGCCATAGAG
148151 CTCCGAAGAG ATTATGTCCT TTGTCTTCGG CTACCAGGGT GGGTAGAGAA
148201 AGACCATCAG GTGAGGGCAA GGTAGGTGT GTCTGAGCTC AGACTGTCCT
148251 TGGGCAGGGC TTGCTTCGGC TGCTGTGGTG GATGGAGATG TGGTTTCCAG
148301 GCCAGTGGAG TTATCTTCCC AGGGGGATTA TGGCTGCCTC TGCTATGTCA
148351 TGCAGGTCAC CAGGGAAGTT GGGGAATGCT GGCAGTTACA GGCTTCACTT
148401 AGCTCAGCTA CCATGAAGCC CGAAAGGCTG GTCTCATTC TACCGTATGT
148451 CCCCCAAATG GCACTAAGTT TATTTCCAGG CAGTGGGTGA GCAGGGCTGA
148501 GAACCTGGCC CAGGCTACCA GCCTCTCGCT GAGAGGGTTT TCAGGTTTCA
148551 CACTTCCCCA TCTGCCATGG CTTCTGTGCT CCTGTCTGCA CTCCTGATTC
148601 AACCTTCTT CCGGGTTCTG TCCAGGAAAC TTCCGGTTCA CTTGAAATTA
148651 TTACAAATTC AGCTGGAGGT CTTTCCCTG TGGTCTTTCC CTGATTCCAC
148701 TGGTAGCCCT CCCCAGGAT TCCTGAGACA AAACCAGAAA TGTGTACTCT
148751 GGGGACTGAG AGATCCCA CAAGCTCTCC CAATCTTCT TGTACCTGTG
148801 TTTTTCGCTC AGCTCTCTAA ATTTGCCTCA GCTCCAGGTA AGGTCAAATC
148851 CTCTTCTCAT AATCTGGACC TTCAGGTTCC CCTGTGGTTC AGGGGCAGAC
148901 AGTTCCCTT TCACATTTTC ACACCTTGGG CACTCACAGT TTTTAGCTG
148951 TCTCTGAAG CTCGCAGCAG TAATCCACTC TCTTCCAAG GTCTGTGGAT
149001 TCTCTGACT CTCTGGTAT GTTCTGTGG TAGTCTTGG AGCAAAAGTT
149051 CACAATATGA GTCTCCACAT GCTGCTTGT TGTCCAAGT GGGAACGCA

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149101 AGTTAGTCCT GCCTCCTGTC TGTGATTTTC TCCTATACCC CAGTTATTTT
149151 ATTAGATGCA GACCAAAAAA CCCCCAAATA ATTAACATT CATTATTCATT
149201 GACCACCCCC AACACACAC TTTCAATGCT GGAATTGAAC TTTCTGAAAC
149251 TGATAAGGTA CATCTACCAA ACCCATGCCA CCAACAATC TTCCAGTCCT
149301 TCTTCCTAGA TGCATAAATA CGAATCTTTT CTTATTTCT ATCCTTTAGT
149351 GACCACTTAA TTTCTTTTTC TTTCTTTCTT TCTTTTTTTT TTTTTTTTTT
149401 TTTTGAGACA GAGTGTGCT GTTGTACCC AGTCTGGAGT GCAGTGGCAC
149451 CATCTCGGCT CACTGCAACC TCCGCCTCCT GGGTTCAAGT GATTCTCCTG
149501 CCTCAGCCTC CCAAGTAAC GGGATTACAG GCACCCGCCA CCATGCACAG
149551 ATAATTTTGT TATTTTGTAGT AGAAATGGGG TTTCACCATG TTGGCCAGGC
149601 TAGTCTCGAA TCCTGACCT CAGGCAATCC ACCCGCCTCA GCCTCCCAA
149651 GTGCTGGGAT TATAGGCGTG AACCATGACC ACTTAATTTT CAAGAGTAGT
149701 ATGTGGTACT GCTTAGCTCA TCAGATTCTC CAAGTCCCTA ATAATTTCTT
149751 ATTTGGGAGC TGGAGAGGAG ATGATACTTC TAGGATGCTT CAATTTTCAGC
149801 AACATTCTAT TTTCTTTTCT GAGTCATGAG CACCAAGGTT CACCCTAAAA
149851 TATTAGCCAG CTCTCATAGG CTGAATTAGG TCACAGGGTA CAAAGTGTG
149901 TGCAGACTGG TGCATGTGGC TCCCATTGAA TATAATAACA GCCCTTTGAC
149951 ACGTGTGGCA GCTGCTGCCA GAGCCTCCAG CCAGGATCTG GGCTAGAGGG
150001 TGGTACATGT ATAATTTAAG TAATAACATA AAGATTAAAT ATGTAATTGG
150051 AAATGATTTT ATAGAATAAA ACTGAAGCCT GGTTTATCTT GAAAAGAAAT
150101 TATTGCAGAC ATGTAATAG CTTACTGTAA AGTTTAATTA CAGTTTGTAGT
150151 AGCAGACAAG ACTCAATTGA TAAATCTCCA CAAGGAGAGT CAAGTAGGAC
150201 TGAAATCTC ACTGCACTTG CATGAAAACA ACAAAAGCTA ACATGCCAAA
150251 CCGAATGCCA GCTTTGTTCA TTTCTCTCAA GTTAATTGTT TTGACTATAA
150301 TCATACAGTT ATTATTTAAT GGCCATACAC AATTTATTTA TCATTTTCTA
150351 AGAGATTAAT TTGAAGGTCT TTTCTTGTG ATTTATGTGG AATTTACAGG
150401 AAAGTCAGAT ATTAGATTGT AGTTTGTAGG GGTGATTATT TTTATAACTC
150451 AATTGATTTA AATGTTAGGT TTTGTCAATT CGTTGAATCC ATCAGTTATC
150501 ATCAGTATTC ATTATTTTCTG TCCCTCTGTA GAAATGAGAG GATAGTTTGG
150551 TGAGTAGAAA ATGATTTGAA GAGTTTGCCA GAATAAACT GAAAAGTAT
150601 TCATCTGACA AAATCTTTT AAGTTCGGTA CAGAAACAAG GACTAGATAG
150651 TTGTCTCACT AACTCCATTC TTGGTGTTC CTTGACTTTG CTGTTTATTG
150701 TGTTTTTTTG TTAGAATTTT TTGAATTTAT TAATTTTGT TACAGTTCCA
150751 TCATGAAACT TACTGAATTA TGTAGATTTA AATTTGTTTC CATGGTATTT
150801 CTTTATTAAT GTAGAATTTG AAAAATTCAC GCAGTCTGG GGAGACTATT
150851 TTAACCTATA CCCCCTCCTC CTTCTTTT CATCTGAGCT TCCTCTCATC
150901 AATCTTAATA TTTACACCTA AAATCTTATG AGTTGAGACA ATATAGAAAT
150951 TAATTAATGA TCTGTAATAT ATGTGAAAGT TCCCAACATA GAAGCATTTT
151001 ATATATATTA AATCAGTGT AGAATTCGTG GCTAGGTACC CGTAGTGTA
151051 AATTGTATTT AGGAGCTGAA AGACCGTGAG TGTGAATGGA TGTTTAGGTG
151101 GCAATTGGAA AGATTTCCTA GTATTCTGAA GAACATAAGC TATTTGACCT
151151 ATTTGACATA AGTCTTATGC TTTCTTTTAC TTAGATTICT GGTTCGCTTT
151201 CTTTGGTAC ATGTTATACC TGATACTGTT CTACAGCGGT CTTAGTAAT
151251 TTTTAAATC TTGAAATAGA ATGGAAAGAT TGAGAGTGAC CTGCTGAGGT
151301 AACTGGACCA GAACAGGTTA GGAGCGCTG TTTATAAACA CGAGGGAGGG
151351 TCTGAGTAGG AGGACCTGAG GAATATGTAG GGCAGTGTG AAAGGGAAGA
151401 CATGGAAATG ACATTGATAC AGCTGTTGT TCATGCCGGG TGTTGTCAT
151451 GCCCCGAGAC TGCCTCATTG CCATGAGGAA AGATTTGTCA TTTTCGGGAA
151501 GAAGGTGTGG AGCGGCTGGG AGGCAGCACA CAATAGCCCT CCTGTGGGTA
151551 GGATGTTGGC TAGCCTTGGG TTTACCTCAG TGAAGACCCA TGTTTAGGAT
151601 GCTTGAAGAC ATCTCATTAG CAATTTGTG TGTTTTAAGC TCTGGAGCAG
151651 TGAAGAATTC TATTAATGGC AGTAAACTTT TTTTTTTTTT AAGAAGGAAA
151701 CCCAATTATG TCCCTCCATT AAAGTTCTGA TAGTTAGACT TTTTTTTTTT
151751 TTTTTTCCCA GCAAGATCTC TATGTAGGGT AGGGAGATT CATGCTACTG
151801 GGAGCAAGAT GATGCTTAGT AGTAGTTGAT GCCTTAAGAC TTTGCAGGGT
151851 CACATAGAAT AGCATAGTCC TGGGCTACAT CCAACATGCA TTTCAATCAG
151901 TTCTTGGGTG GTGGAAAAGG GCTTGCTCAA TCCGCTTCTT AGCATTGAAA
151951 TGAAGAAGCT CCCAGTTCTC AGACTGGCAA TGATGTGATT AAAAAGTTGA
152001 ACTTGGGTTT CTGTTTTCCA GTCGTGGTAG GCTAGGTTAC CTTGACCACT
152051 TCTCTGCTG AAACCTAAGTA AGATTGTTGA ATAAAATAGT TAAAAATACA
152101 TTTTTTTCTA GCGTTGAAGA AAGGAGAGTA AGGGATTCTC AGGTAAACTG
152151 AAGGAGAGCA GGAACCTAGA GAGGCGAGAA CGGCCCTTGA TGCAGAAGCA
152201 CCTTTTGTGG AGGCTTTTCA GGGAGCAGAG GACAGGGTCT ACAGTTTAGG
152251 GAGCTTCTC CCATTAAGCT GGGGCTTTG CAGGGGCACA CCTGCAGGGT
152301 AAGGTGACAG AAGACAGCCA GGTTCCTGTA GCATTTGAAT TCTGGGTTCT
152351 CCTTACTCAT ATGGACTCAG GACCTCAGA CTCTACATTT CTCAAAGGCC
152401 AATGCAGCTC CTCTTCATAG GAGGCACTT TTATCTCTGA TGCTGTTAAT
152451 TCACTTTCAA AAAATCATAA AGCACAAGAA AGAAGACATC TCCAGCTATT
152501 AGCACGAAAA GACACTATAA ATAACTACA AAAATGAAG ATACTCGAAT
152551 AACCAGATAT AGAATATAAA ACAACCATGC TATGTTAAAA AACAGACAG
152601 TAACCCTAGG GATATCTGTG GAGACCAGCA AACTATAAAA TGAGCACAG

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152651 CAGATGTGAG AAATGAGTAC ATAGAACTTC TGGAAATGAA AAATATCACA
152701 ACAAATTAAA AATTCTAAGG AAAGGTGAA TAGTATATTA GTTAATACTC
152751 TAAGAAGAAT TAGGGAAGTA GTAGGTAAAT AAGAAATTAT CTAGAACAGA
152801 GGTCAACAAA CGTTTTTCTG TAAAGGATCT GCTAGTGAAT ATTTTTGGTT
152851 TTGTGGACCA CATATGGTCT CTATTGCATA GCCTTTCCTA TTTTAATTTT
152901 GTTTTTACAG ACCTTTAAAA ATGTGAAAAC CGTCTTTAGA TTACAGGCTA
152951 TGGGATATAT TTGGCCACG GGCCGTAGTT TACTGACCCC AATCTATATA
153001 TACAAAGAAG AGAGGAGTCA CGAGAAAACC CAGAGGGGCA GTTGAGGCAT
153051 ACAGAGTAGA ATGAGGAAGT TTACCGAGCT TGATCAGCCT AAAGGCAAGA
153101 GAAAAAATAG GGCAGAGTAA ATATTTGAGG AAATAATAGC TAGGGATTTT
153151 CTGAAGGTGG TAAAAAGATA CTAATCTGTA GATTCAGAAA GTCCAGTAAG
153201 TCCTAACAAAG GATCAGTAAA TACATTCTCT CCACGATTCA TCATAGTGAA
153251 ACTTCAGGAC AGCAGACACT AAGAGAAGGT GGGGAGTAGG GSATGGGTAC
153301 AGCATTGCTT CCTCAGAGAG AGAGGTGACC TCTCACCAGC AACAGAGGGA
153351 CCAGAACACA GCAGAATGCC ATTTTCAATG CTGAAAGAAA ATACCTGCCA
153401 ACCCAGAGCT TTATAGGCAG AAAAATCTTT GAAGAATGGG GTTAAATCA
153451 AAACACTCAC AAAAGTTAAG AGCTGAGAGT TTGCTACCAG CCAACCCATA
153501 CTAAGGAAA TTTTAAAGGT TGCATGTTGT ACGGAAAAAA ATATTCTTGG
153551 GTGGAAGATC TAAGCTGTTT AAAGTATAAA AAGCAAAGAA AGTGGGAAAT
153601 CAGTGATAAA ACTTAGATTA GTATTGAATA TATGGAACAT CATCTTGAGG
153651 GGTTTTAAAA ATATTGACTT GAAATATAAT ACAATTGCCT GTGTAAATTG
153701 AGAAGAGTGT GAAATAGATA TGTTTAAAA TCCTCATATT ACCTTGGAAA
153751 ATAATTTTCA AGCACAGTTT TACAGTTGAT AGAAATATGA AATTAAGACA
153801 AAATTCTTTA CTACATTTTA AGTCGAATAA TTGAACAAAA TGTTAGAAAT
153851 AGGCACAATG TAGCTTGCTG CTGTATTCTT GTAATCAAGG GGGAAAGTGA
153901 GATCAATGAA CTAATGGTGA CATTTCACCTG CTTTTTAGTA AAATTGTATG
153951 AAGCCATAGA GAAAGGGAAG GAGAGACTTA AATAATAAGA AAAACCTCAA
154001 CAGATCTGTG ATGCTTATGA TGGGAAGTTC TTTTGAGAGA AGTGGAGTAG
154051 TGGGTGATTG GGCTACGAG TGGGGAGTGG AAGGATTTTT GATGTTGCCG
154101 TTGGGCCTCC ATGGTATCAC TCCCATGCTG TTGGATTAT TGGTCTAAGT
154151 GTNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
154201 NNTGAAATGT GTTAAAAAAT GTTTACTTAG TAACTAGGAA AGATGCTCCT
154251 AATGTAACAT GCTTTGTGAA CAAATACGTA TGAATCTAC ATAAGTGTGT
154301 TAAGTGTCAG ATTTTCATCAT CTCTGGGCTG AGTGTGGTG GAAACATTAG
154351 AGGATAAATT AGCTATGAGA TATGTTCTGT TTCTGATTGA ATCTTTTCAT
154401 TTTTCTCTTT TTGTTTTTCT CAACCTTTTC TGCTACTTAG TGCTTTCTTG
154451 CCTCTGTCTC AGATTTTATG GAGCCAAATA TTCTTATATT CTATAATCTG
154501 TGTTCTTCCC AACCAGAGGT GTTATCTGCA GAGACTTTTT TTATCAGACT
154551 GAAATCCGTC CTGCCTTTTT AGAATGAGCT CATTTTTCTT CACTCCAGCT
154601 AATGCTGACA TTTACCAAA CCAGTCCTGA TTAAGTAAGC TTCCATCACC
154651 AAGAAAACCTG GAAAAAAGGT AGGATTCATA AGACAGTGGA TTCCCATCCA
154701 GTGCTTGTAG CTCTGTTATC CTCTTTAGAA GTATCTGAGG GTTAAACAAA
154751 TTGGAAATTG TAGAGGAAAC AAATTGACAC TGAATTTAGA CCTAATTAC
154801 CTGAAAATGG GATTCTTTA AAATCCACAG TGAGCCACACA GTTTTGTCTT
154851 GTGACTGAGA TTCAGTCACA CCTTGACCAT GTATTATATT CATAAATTAA
154901 GCCTTCAGGC CAGGCATGGT GGCTCACACC TGTAGTCCCA GCACTTTGGG
154951 AAGCTGAGGT TGGTGGATCA CCTGAGGTCA GGAGTTTGN NNNNNNNNNN
155001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155251 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155351 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155401 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155451 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
155501 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNAATGT
155551 TTATACAGGG TGAGCATCCC CAGTCCAAAA ATCCAAAAATC CGAAATGCCC
155601 CAAAACCTGA AACTTTTTAA GTGCTGACAG GAGGCCACAA ATAGAAAATT
155651 CCATATCTGA CCTCATGTGA CAGGTACACAG TCAAAATGCA GGCACACAAC
155701 ACATAGTTTC TTCAGCATCT CCAGGGGAAT AAAAGACCTT CTTAGCTCCC
155751 TTTAGCTGAT ACTTGGGTCC CATCCCCAAG ATATCTCATA ATGTATATGC
155801 AAATATTCCA AAATTCAGAA AAATCCCAAA TCTGCAACCC TCTGGTCCCA
155851 AGCATTTTCA ATAAGGGATA CTCAACATGT AGTACTTATT GTAGGGTTAT
155901 TTCAGATGTG CTGTCATATT AGTTAAAGTG AAAAATTGAT TTGCAAAGTT
155951 CTGATCATTT TAGAATTGGT GTTTAAGTCC AGTAGAAATC TTCATAGTTA
156001 AATATATTTA ATATTTTGTG ATAAATTAAG TAATGAGCAA CTGAATTTTA
156051 AAGAATATAT TCTTAGAGGC ACCCTCACTT CAAAAGAAAT TGAATTTCAA
156101 CAAAATGCCA GGACTGGCCA CGCACAGTAG CTCATGCCTG TAATCTCAGC
156151 ACTTTGGGAG GCCAAGCGG GAGGATCGCT TGAGGCCAGG AATTCAAGAC

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156201	CACCTGGGCA	ACATAGGGAG	ACTTTGTGTCAT	TACTAAAAAGT	AAAAATAAAAA
156251	TTTTAAAAAA	CTAGCTGGGT	ATGGTGATGT	GAGCCTGTAG	TGCCAGCTAC
156301	TTGGGAGACT	GAGGTGGAAG	GATCACTTGA	GCCCAGGAGT	TTGAGGTTGT
156351	AGTGAGCTAT	GATCATGCCA	CTGCATTCCA	GCCTGGGCAA	CAGAGTGAGA
156401	CTTAGTCTCC	ACAATAGCAA	CAACAAAAAG	CCAGGACTAT	GATTTTTTTT
156451	TTTCAAAAGT	TCTTCTCAGT	GTCAGCTCAG	AAGTGATAAA	AGGTTTCCCA
156501	CCTTTTTTTG	TGTGTTTTTT	ATTAAGAAGA	AAAGATTTGA	AAGGTAAATA
156551	GAAAAATCTT	GTAAATTCAC	CAAAATCACCA	AATACGTGTT	TTGAAACATA
156601	GTAGTTTTTC	TAATTTATCA	GTCTCATTTT	CTAATTCTAT	CCTTATGACC
156651	AATATCTCTG	CCTTTGCTCT	GGATTTATCA	CCTTCATGGA	CTTTTGACA
156701	TGGGAGAATT	TTATCCTGAT	GGAAGTAAAA	CTGCACGGAC	TTCTCTGTG
156751	TTATAGAAAT	ATGTGTGTGT	GTGTATACGT	GTATATATAC	ACATGCATAT
156801	AGAGATATAT	ATGCATATCT	AGATGAGCAT	AAATGCATAA	ATTATGCATA
156851	GATTATAAAT	GCATAAATTA	TGCATAGATA	TATGCGTATA	CCTATATATG
156901	CATATATCTA	TAATGCATGT	ATGTATGTGT	GTGCATATAT	ATACATGCAT
156951	AAATATAAAT	ATACATATAT	CTATATTGTG	TGTGTGTGTG	TGAGAATGGA
157001	GTGCCATCCT	TCCCTTCCT	GGGCTGTAAG	CTGTTTGTG	AGTTAAGACT
157051	TCATGGTAGA	AACTGGTGTA	TTCATCTTTA	AAATATTTTG	CACATTGGTG
157101	TGTCTTAAGT	TAATCTACTGA	ATTGGACTCT	CCAAGAAGGG	TATTTCTTAA
157151	TAGAAAACGT	TCTTGCTTTA	TTTGTTCG	TTTACACTTA	ACTAGTTGAC
157201	ATAACCCCTCA	GGACAAAGGAC	TGTGGGCATT	TCTTTCCTTG	CTGGTCTTAC
157251	AAGCTACTGA	TATATGGCAT	TTATGACTTT	GGCAGAGATG	GTGGGTTAAA
157301	TCAAGGGGCC	AGGATTCCTT	CATCACCTAA	GGACTTGTGG	TTTATAAATA
157351	CAGAAGAGGA	AAAGGAGACA	AATGAAATTA	CAGAAATGGC	CTCAGCTTGA
157401	TTGAGTTTATA	ACCTTCACTG	TCTGATTTT	ATAACTCTAG	GCAAGTACTC
157451	TACCTTTTTT	ATTTCACTTC	AATGTAATTT	ATATTTTGCT	AAGTTGTTAG
157501	TGTGGCCAGT	TGAACCTAAC	AAGATACTTA	ATGTTAACTA	GTTTTCTGAA
157551	TATTTTCAAT	GGTGCCTCTA	TTAGAGAGTA	TTGTATGTAG	GTGAACAATG
157601	TATTTCCCAA	GCACAAATTA	CAGTATTTCC	TCAAATATA	TGTTCTAAAG
157651	GCAATTGAGG	TATGTATGTA	ATTATGTGTT	AATCAAGTTA	GTGATTTGCT
157701	ATTAATTGGG	TAAGTACAA	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN
157751	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN	NNNNNNNNNN
157801	NNNNNTCTC	TTAAGTTTTT	CATTCTCTAT	TCAACTCCTG	TGAGTTTAAC
157851	AAGATTATCA	TTTTAAAAGA	AATTCCTTCC	ATCTGCAGAT	GTGTGTTGCT
157901	TCTGATATAT	TGAATCAGC	TGAAATCTAA	AAGTTTTTTA	CATAGGAATT
157951	ATCTCTAAAG	ATATAAAATG	GTCTTATTTT	TCCTTAATGG	TGTTAGGAAA
158001	ACCTAATAGC	AACAATGGAT	TGTGCATGAT	CAATTTTATG	TAGTCACATT
158051	TTGGGGGATC	TTTAAGCAAG	AATAGGCAAC	AAGAAAATGT	GCATTTAGTG
158101	TTGGAAGGGA	TGAGAGATTA	GTTGTGGATC	TGAGGATTAT	TCTTGCCTCA
158151	ACAAGTGGAG	AATTGGAGAT	ACTCTTCATG	AGGAGTGACA	CTCAAGTTTG
158201	AGCCCCGTAA	TCAAGAGACA	GGAGAAATGT	TAATAAGAGA	AAACCTTTTA
158251	TTTTGTGACA	TCCCTTTTTG	AGGAAGAACA	AATGCAGTTT	TTGAAAGCAT
158301	TAAACATTTA	GAAAAGGGTG	CAGAAATGTA	GTAGGACAAA	ATGTGCTTAA
158351	AAACATACAG	CCTCTTTATG	TCCAAAGCTT	CCACACAACA	TGAAGTAATT
158401	GTCTGAAATT	ACAAGTGCTA	CTATAGTGAT	TGAACCTAG	CTGCTAATTG
158451	AGCCTTCAGG	TTTAAAAATA	CACAGGCCCTC	AGCAATTCAA	AGATTATTAA
158501	ATTACACCTT	CTTGTGGGAA	CCAACATCAA	TGTGTTTGTG	CAGTGAGTAG
158551	TGAAGGTCTT	TGGGGAGGCA	GGGGCAGAGG	GTGTCTCATT	ACAGCGTTTG
158601	CCACTGCAGA	TCTCTTGAGG	GTTGTTGCTT	TTCTCAAGA	CGAAAGATTT
158651	TGTTAACACT	TCATTCCACA	GAATGTTGAA	AAAAGTGGAG	CTCTCTTGCA
158701	TCACATGACT	TGTACTGCAA	GTTTTGTGTT	GATCTCTGAA	TAACATAGAAA
158751	TTTCAAAAAT	TTACTTATGA	ACCAAAAAGGC	ATAATTGGTG	TATAACTCAA
158801	TTATTTTTAT	TTAATCCTCA	CAACAGCCTA	TGATGTGAAT	GGCTGTGTTT
158851	CCATTTTACG	GATGAATATG	TTAGGCTCAG	AAGTGACCTG	TCAAAGGTCA
158901	CACAACCTAG	TAGAATTGCT	GAGACTGCAT	CTACTGGCTC	TGAAGTTTGT
158951	TTGTTTGT	TTTTAAACTA	TGTCTTAGCC	ATCTGATGTT	TCAAAGGTTA
159001	TACAGTCAAA	ATTGAATCAA	TGTGATTGTA	ATGTGCCCTT	CCAAAAAAGA
159051	AGATGAATAC	TGGATACTCA	CTGAACACAA	GTGGTTTATT	CTTTCGTTCA
159101	GCAAATTTAT	TGTGCAACTT	TTGGGTGCTA	ACCACAATT	TAGGCAGCTG
159151	GGAATACACG	ATTAGAAAGG	ATCTAGAAGA	TTCTTCTCTG	TCTTGGTCAA
159201	TTTTCTGTTG	CTATAACAAA	ATGCCACAGA	TTGGGGTAAC	TTACAAAGAA
159251	AAGTTTATTT	AGCTAATGGT	TCTGGAGGCT	GGGAAGTCCA	AGAGCATGGT
159301	GCTGACATCT	AATGAGGCC	TTCTTGCTGC	ATCATAAAC	AGGAGAGGGC
159351	ACCATATTGC	AAGAGCACA	GAGCATGTGT	GTCAGCTCAG	GTTTCTGTAC
159401	ATCTTCTTTT	AAAGTCACCA	GTACCATTTG	AGGGGTCCCA	CCCTGATGGC
159451	CTTGTCTAAT	CCTAATTACC	TCCTGAAGCC	TCCATGTCCA	ATCAGCATAT
159501	GAATTTGGGG	TTTAAGTTTT	AAATGAATGA	AATTTGGGGA	ACATATTTAC
159551	ATGATAGAAG	TTCCTTAAAT	AGAACTCAGA	GCTCAACTGT	GGGAAGGTAG
159601	ACGAATGAAT	AAGATAGCAT	AAGTACATTG	AAAGATAAGT	AAGAGGATGA
159651	TGTGTTAAGG	AGTGGTTTGG	GGAGTAAAGA	AGTCACCTT	AGTGTATTAG
159701	TCTGTTTTCA	CACCGCGGAT	AAAGACATAC	CTGAGACTCG	GTAATTTATA

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159751 AAGAAAAAGA GGTTTAATGG ACTCACAGTC CCATATGGCT GGGGAGGCTT
159801 CACAGTCAAG GCAGAGGGTG AAGGAAGAAC AAAGGCGAAC AAAGGCATGT
159851 CTTACATGGC AGCAGGCCAA GAGAGAATGA GAGCCAAGCA AAAGGGGTTT
159901 CCCCTTAGAA AACCAGCAGA TCTCGTGTTA CTTATTCACT ACCACAAAAG
159951 CAGTATGGGG GAAACTGCCC CTATGGTTTA ATTATCTCCC ACCAGTCCCT
160001 CCCACAACAC GTGGGAATTA TGGGAGCCAC AGTTCAAGAT GAGAGCTCGG
160051 TGGGAATACA GCTGAACCAT ATCACTTAGA TAGGGTGTTA AACAGAGTCC
160101 TCAGTGAGGA GCTATTTCTG GCCTGAGACT CCAGGAGAAT GAGATGGGAC
160151 CAGGGGTGGA TATGCCAGAC AGAGGAAATA GCAAATGCAA ATCCGCCAAG
160201 GTGGTACAGT GGCAGAATAC ATAGGAGGTG GTGTGGCAGA GCCTCAGGAG
160251 CAAAATGAGC CCAGTGAGGT CAAGAAGCAG ACAAGGAAAG ACCATGCCAT
160301 GCAGGGCCCT GTAGAACATG GAAGGAAGCA GGATTATTCT AGATGCAATG
160351 TGACCCCATT GACAGGGCTG TGATTGAAT TATGTTCCCC CAAAATTTAT
160401 ATGTTGAAGC GCTGACCCCC AGTGTGGCTG TATTTGGAGT AAGGAAGCAA
160451 TTATGTTTAA ATGAATCAT AAGGGTAGAG CCTAATCTG ATAAGATTAG
160501 TGTCTTAGA AGAGAAACAC CTGATCTCTC TCTCCACCAT CTCACGCCA
160551 TGTGAGAACA CGGTGAGAAG GTGGCTGTCT GTGAGCCAGG AGGAGAGCTT
160601 TTATCAGTAA CATAATTGGC TGACACCTTG ATCTTTGACT TCTAGCCTCC
160651 AATAATGAGC GGAATAAATG CCTGTTGTTT AAGCCACCCA GTCTGTGGCA
160701 TTTTGTATG GCAGCCTGAG CAGACCGAGA TGGAACTGAA AGTATTGTCA
160751 TTAAGTGAGA TGGAGCTATC TGAGGAAAT GCATCATTTG GTGAGGCCAC
160801 TCTGGCTGGA TATTAGTCTC CAGTGTCTG AAACACATTC TTCCCTGTTG
160851 GATTCTGTGA TAAATGTAGT TGATGATGCC AGCTCTCACC ATCAAGGCTC
160901 ATAAGTGCTA TGAGCCAGAT GCAAGGGTTT TACTTAACAA TGAAAATTTT
160951 ACCTGTGAGG TAACTGAGT CTATGGCTTG GGCTGACATA AAGAGCCAT
161001 GATCACATTG AGAAGCCATG TTATCCATAT TGCATGGTGA ACTGGGACTC
161051 CAGATGTTAG GGCATTTCAT TCTCCCACTT TACTGTTTAA TGGTGTGAGA
161101 TGTGTGGCTA TGGTTCCACA AAGCCTGACT GGACACTCCT AGGCCACCCCT
161151 CCCTCTTGCT GACTTAGAAA CCCATGCTGT CTGCCCTTAA CCATCTTTAT
161201 AGTCTTTCAT TTTAGACCTT TTTCTGACCC ACATTAATTC CTTCAAGTCA
161251 GTTACAGTTG AGGTCCATTG GGTCTGGGAG CCATTCATTC TCTTAAAGAT
161301 AACATCACAC AGCTTTGCTT TACCCTTTAT GTTAATTAAT CCTGCTGTAT
161351 GTCCTGATTG TGGAAATGCT CTCCAAGCCC ACAGCCATTA CTCTGAGCTT
161401 CTCTTTCTGT AGTCCACACC TGTAAATGCA CTTACGTTTT CATACTTCCT
161451 TGCCTTTTAT GCTATCTCAT CGCTTTGCCT GAGTATCTT TCTTCTCTC
161501 CTAAGTCAGG ACAGCACTGC CTGTATTAGT CTTCTAGGCT GCTATGACAA
161551 AATACCACAA ACTGGGTGGT TTAATAGCA GAAACTGTG ATCTCACAGT
161601 CTGGAGGCTA AAAGTCCAAA ATCAAGGTTT CTGCAGGATC AGTCTCCTCT
161651 GATGGTTGAG GGGAGTCTGC TCCAGGCTTC TCCTCCAGT TCTGAGTGCT
161701 CAGGCGTCAC CTTCCCTCTG TATATGACTG TGTACACATT GTCACTTTAT
161751 AGGACACCAG TCATGATAGA TTAGGGCCCA CCTGAAGAT TTCATCTTAA
161801 CTTGATTACC TGTGCAAAGA CTCTGTCTTC AGGTAAGGTC ACAGGCTGAG
161851 AGTACTGGG GTTAGGACTC CAACATACGT TTATTGTGG GACATTATTT
161901 AACCATAAAC ATTGCCCTTT CTTTCTCCA TGAGGGGGAA CATCACATCA
161951 CCAGCATCCT AAGCCCTTGT TTGATAACTT GGTGATCATC ACTCTCCAG
162001 GGGAGCATAA TTGGTCACCT ATGAGACTAA TAGGTCTGTT GGCCACTGTC
162051 CTTGTAACCT TTTCTGTCATG TTTATTCTCT GACTTGCTGT TCACCCTTAC
162101 TAGACCATAG TCTCCTTGAG GACAGGATCA AACCAGCATT GTACCCTGCT
162151 CCTGGGCACA TAGAAAGTGT TCGTAGACAG AACACATGGG CAGTCTCAAG
162201 TAAACATATT GGCTGTTGAT TGTGTGAACC TCTTCAGTCT AAGAATAATT
162251 TGGCTCAATA GAAAAATTTT TAGAAGAAGC AATAGAATAG CAAATCATAT
162301 CATTGAAAAG CATAGAGGTT TAAAATATTT TTAATAATTA GACTAGTTAA
162351 CACACTATAA TGAAGGCACA GTTACATTAA GTCTATTTTC TTGGTATGAA
162401 AGATGAAAAA ATTAATGATT TTCCTTTTAA TCAGCCGTTT AATCTTGTA
162451 ATAGTCTTCA TAAATTCTT CCAATCACCA TTAGTAATAC TCTTCTCTT
162501 TTGAAATAAT AGCTCGAAAT ATAAATATCT TTATTTTATT TGCTATTTAA
162551 AGAGCTGCCA AGTATTGCG TTAGGTGAGA TGGTGCATAT GATCTGTAGC
162601 AGTTTGCTGT AGCTTTCGGG AGGCTATTTG AAGGAATAGC TTAAGCTATG
162651 AGGCAAGGCC CATCAGAATG TCATCTTTCA TTCTTTCTCT TTGCTCTGTG
162701 GTCACCTGCC CCCTTCCACC CTCTGCCTTT TTACTGTGTT AGATCAGCGT
162751 CGCTTCTGTT TTCCAGCATA AAACCCCTGA CCTCAAGTGA AGAAATACTG
162801 GTTTAACATA TACGGTGTA ATTGTTCTGC TTTCTATAAA CTTTTTACT
162851 AATATTTTAA TTATTTGAT ATTTGAGAG GAAAGAGTAA TATAATATTG
162901 CAGTTCATAT GGCAGCCACA GTTTAATTTT ATGGCAAAGT CAACGACTTT
162951 AGAGTTGCTG AAGTATTTAT AGTACTGAAA GCTTTGTGTT GGCAATTTCT
163001 TTCAAAGGAA GCAATTTCTA TTATTATATC ATGGACATGC ACACCACTCT
163051 CATGCTGTGT AAGACACCTT TTTGTCCCC CCCACCACC AAACAGGGAA
163101 CTGGGAGGGA AAACCAGGCC TCAAATTTTG TGTGCTTGCT TCTCATGTTT
163151 TATTTCTAAG TGAATTAGAC CATATGGTCA CATAAACCCA AAGCTAGGTG
163201 GTACAGGGAT TTAAGTTTGT GGCCTTGAAG TGATTCTAGT TTTGCTTTCA
163251 ATTAGTGGA AATAATGCAT TCATAGAACA ATTTATAACT CACACAGACC

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163301 CATTCGTGAA AAGCCCACTC CAGATATTGT TGCCTGTGTC CAGGAGAAGT
163351 GGCAGCGTTG ATCTCCATAG AGATGACTAA TCAGTTGAGA CTGAGCCCTT
163401 TCCCTTTTTC ATGCGACAGC ATTTATTGTG TGTGACACTA ATTTACCATT
163451 GTCAGTTTTC CCTGCCAGTG TGCCCCAGCC CTAATCCTCA TTTCACATGC
163501 ATCACTGTTC TCCCTCATT GAAACTTGGC TTGAGGCTAA CAATATTAAG
163551 TGGCGGAAC GTGGTTTGCT AAACACAAC AGCTGATGCT CATGTACTCC
163601 TATGAATAGA AAGCATCTTC CGAATATTTC CTTGAGGGAA TGGGCTCTAC
163651 AGGAAATCTT GAGACAGCCC TTATGTTGAT ACATGTAAAA ATATGCTTCT
163701 TAATAATACA TGTGTTGAT AATCAGATAA ATGGAGTGTT GACTGCGAAC
163751 CTGAGCAATG TGCCTGGCTA ATGAATAGGA TGTTTATTTT CTGTTACTAC
163801 TCTGGACATA CCAAAGGCAA CTGCATCATC TATTAATAAA AAAATCCTTA
163851 GGGTCCGCTT TCTCATCCTT CATTTTAATT TACAAGAGCA GTAACACTT
163901 CTGGGACTGA CTGGAGTATT TTCTGGGGAT TAAGTCTGGT TCAAAGGCCCT
163951 TTGGCTGTGC TGGAGGCCAT AGGTTTCAGT GTGAAATAAC TGCCTGGGTG
164001 TCTGTTTGTG CATAGCTTAA TTACAGTATT TGCATCTGA GTTGTGACT
164051 GTGGGTTTTT TAAGACTTTG AGAGTGCTAA GTGTGATTG CTTTTCAGTT
164101 TCTGACCAG CAAGCAAATC CCAGGCAATG TTAAGTAAGA AAAACATAC
164151 CTGTGGTTTT TGCAGGGAGA AAAACTCATC TTCAAATTTG ACAGCATCAC
164201 TCTCCAACAG AGCTTCTGCT AGTGATGGTG AGGCTCATCT GTGCTCTGTT
164251 CAGCACCTCC GCTCACGTGT GGCTAGTGCA ACCGAGGAAT TGAATTTTAA
164301 ATTTTATTTT ATTTTAATTT ATATGTAATT AGGCACATGC AGCCAGTAGC
164351 TACCATATTG GATGGTGTAG ATGGAGAATA TCTTTGAAGA CCAAATACAG
164401 TTCTTCTCTG TGATTTATAG TAAATTTAAT GTACTTAGGT CTACTCCAGG
164451 TATTTTGGT CTTAAGTTGA TTTGAGGATT TTTTGAAGTC ATGTAACTT
164501 TATGAAACAT CATTTTGTCA AGTGCTGGAT AATGATTATA TTTACTCTAA
164551 AAGAAGATGC TTGCTGCTTA TGTGTGAAGA GAGTAATTTG GTGACCTCCT
164601 ACTTCATTCA CAAGCTGGAG GGGACAAATA CTATACCTAT ACTAGGCACT
164651 GTACTTTCTC AGTGGGTGCT TCATATACCT TTAGTGACCC ATGGAATATC
164701 ATTACAATGT TTTGCAAGGG TATTTTCAAA ATGCCACCAC CACCAACATA
164751 TAGGCATGAT GTCCTCCACT TCTTGACAGT TTACATAGAC TGAGATACAG
164801 GAAAAGCTAA AGTGTTTTGC GTACTCTCAC TCAGTACAAT ACTTCTAACA
164851 CCAGAAATGT GGGGAGTTTT CCCAACATAG CAAACCAAGC AGTTTTCTAG
164901 CAGCAAACAC CAACTGGGTG TCCTACAATT TAACTCAGTT GGAGTTGGAT
164951 CCCACAGATT AAGGGCTCAG CCCCACAAGG CTCTCCCCGA CCTTAGAATC
165001 CAATCGCAAG CCCCACCCCT TGACACCCCT CATGGTTCTG ATTAATTTAC
165051 TAGAGTAGCT CACAAAACCT AGGGAAACAC TTTACTTACA TTTTCATATT
165101 TATCATAAAG GATGTTATGG ATGAACAGCC AGATAGAGAG ATGCATAGGT
165151 CAAGTATGGG AAGAGGCTCA GAGCCTCCCT GCCCTCCTCA GGAACCTGCA
165201 TGTGTTTCAG CACTGAAAG CTCCTGAACC CTGATTTTGT GGGCTTTTAT
165251 GGAGGCTTCA CCACGTAGGC ATGACTGATT AACTCACTGG CCATTGGTGA
165301 TTCACTCAGC CTTCAGCCCC TCCCCTCCCT GGAGGTTGAG GGGTGGGGCT
165351 GGAAGTCCCA ACTCTCTAAT CCTGCCTCGG TCTTCTCTGT TTCACCTGTA
165401 AGCTACCTAG GCAAACCAAG GGGGTAGGTT GACCTAGGGT TCACTGGTAA
165451 CCATCTCATT AACATGCGAA AGACATCACT CTTGAGATTC CAAAGGTGTT
165501 TGGGGCTCTG TGCCAGGTAA CAGGGATGAA GAGCAAATAC ATATTTCACA
165551 ATATCACACA CATTACAGAC CCCCTGACT TTTGCTCTAA TGTTTCTATC
165601 CTTTGCCTCA TGTACCTTT CACCTGATTG GCTTCCGCTG GCCTTGCCTT
165651 AAATCCCTGC AGGTGTAGCT CACTGGGTAG GATGGGCCTT AGGTAAAGAC
165701 AGAATCCCTG GCTGCTCTGT GGGCCAGTCC CCTGGGAGTA CTTTTAATTT
165751 GGTAGAGATT CAGAGGAAGA TTGACAGTCT GCGTCTTCTG TGATGAGGGT
165801 GCCTTTTACT CAGCTCAGCT AGCCGGGAAG CTGCCCTCTT CCGTGGGAGA
165851 AGTTGTGCTC TGCTCACCCC TCTGAGCTTT TCCTCACTTT CCCAGCGAGG
165901 AGACTCTAGA AGTTACTCTC AGAGTCACAG TCTGTTTGCC ACCAATAGTT
165951 TGGCTATGCT TTTATGCCTA AGTGACAAAC TGTAAGTTTT TACTTTTAAG
166001 TAAAACTCCT GAGTCACGGA AGCATGTTTA GTATCTAAGA ATGTTTGATT
166051 CTCAAAGTAT TGAAAAAGAA GATTCTGCTC ACTTGTTTCA CCTCTACTTG
166101 ATCCCTGTTA GCACAGAAAG ATGCAGTCAG ATTTCTCTTG AGCTTGGTGA
166151 TATCCTTTAT AATAACCTTT AGAGATCCGT TCTATTATAG AGGCATGATA
166201 TTGTTACTCC AATTGTGCAC ACAAGCTGGG GGACCTCCCT TTCAGAATGG
166251 CATGTAAAGA AATTCCTTCC CTCTGGAGG CTTCAATTATA TACCCTACAT
166301 GCAGTGCTCG GCAGTCTGCT TTTAAGGTGA GTCAATTGAT AGTATGATTT
166351 CTCAGACTTC AAGGGCAGAT AATACACATC ACGAGCCTCA GAACAGCTTA
166401 CTTTTTCAGC TTACCTTCTT TTACAGAGAG AGAGATAAAG AGAGCAAGAG
166451 AGTGCATGGG AATACGAGCG AGATCACCTC TTTGTCTTTT TAGAAATCCT
166501 GTACGTGGGC ATTAAAATTA ATTTAGAGTT TCTATTATAG TCCTTTCAAT
166551 AATAGCAACA AAATAATTAT AATGACAACA ATGAAGTAGC CACCTTGTGT
166601 CATTTTGTCT TTGGCTAAGT CTTGAATTCC TGTAAATTAG GTGTGAGATA
166651 AGTTGGATGT AAATAACATT ATTTAAATCA AGATTATAGG GAGGCTGGAC
166701 GTGGTCGCTC ACGCTTGTA TCCTAGCACT TTGAGAGTCT GAGGTGGGTG
166751 GATCACTCGA GCCCAGGAGT TCAAGACCAG CCTGGGCAAC ATGGTGAAAC
166801 CTTGTCTCTG CAAACATTGT AAAAATTAGC CAGGCATAGT GGAATGTGCC

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166851 TGTAGTTTCA GATACTCTGG AGGCTAAGGT GGGAGAATGG CTTGAGCCTG
166901 GAAGGTTGAG GCTGCAGCGA GGCAAGATCG TGACACTGTA CTCCAGCCTG
166951 AGCAACAGAG TGAGACCCCTG TCTCAAAAAA AAAAAAAGA TCATACGGAA
167001 ATCCGACTGC TTCACAAACA TTCTTTTGTG GTTGATGGAA AAACCAATTG
167051 ACTATTAAAG GTGATAGAGA CAAACAAACT TTAATGCTGT ATCTAAATAT
167101 CTGAAACTTT CATCAGGAAA TGTATGAATT TAAAGCGGAT AAACCTCAGTC
167151 AAGCTTGACA CAGACACTAG CAGTCTCTAC TTCCGGTTAA CAGCTGTTTC
167201 AGGAGACAGC ATCTCAAAAT GAGTTGTCAG AAAATCTGCC TGATTTTCTC
167251 GAGGGACCGA AGCTACAATT GGAATTGAG CTCCTGATGG AGTAGGCATC
167301 AAATAAATTG GACCCATGAA TATCAATAAT TTCTTAAAG TAAATACTCA
167351 GTAATCTTAA ATACTAGCCT TTAAATGGT GACATTATGC TGTAACTGCA
167401 GTAAGTCTTG TTAGGGCGCT GTTATTAGTC CCATAAAGTG CTCATTGAGA
167451 AATAAAATTC TAAATGTGCA AAAATCGAAC CCAAACTAA GCTATAAAAA
167501 ATTTTTAAGT TTAATGAGTA ACAGTTTGTG TTAAGCCTTT TAAATTATGA
167551 CTTACATGAA CTCTTAAGGC CCCCTTGGA GTTTGAAGT ATGAAGTTT
167601 CTTTTAAATG GATCTTCACC AAAGAGTGA ATTGAAAATA AGTCCATGTA
167651 TCTTAGTTTG TCTCTGCCAT TGTCTCATGC AGTTGTGTTT TGTATTATTT
167701 AGTTTTTGAA ATTAATAATG ACTGAAAGAC CTGTACCAAG CATTTCTTTC
167751 ACTTGCCCTT TCTAAATCTG TTCAAGTTTA TTCAGAATTA TAATTTTAAAC
167801 TCTTTGATAT CTGATCAAGC AGAGGCCTCC CACATTAGGG AGTTAACGAC
167851 TGTGAAGGCT TAAACTTATG GACACTTACC ATAGTGTTTA GCAATTGTTT
167901 AGAAACCGTA AGAACAAATTA CTAGATCATT AGCAAGCACT TTTTTTGGGA
167951 TGGGGGAGAA GCTGCAAAAT ATCTCCTGAA ATTGCTCTTA GGGATGTTCC
168001 CTCTAATTTT AAAAAGTAAA GGGGAAAAAT GAATTTGCAT TCACTGGTGT
168051 GTGCTGTTTC AGTGTGAGCA CCATGAGTTA GGATTGTATT GTGTGTCAGA
168101 ACTTTGCTCT GTGCTGGGGA TGTAAGACCA AAGTCACCAT GCTCATGGCT
168151 TCAGTCTCAT GAAGCATGAC CCGTGTAACA TTTTAAAGA GACAATTCAT
168201 AAACACACTT AGAGAGCATT GTAGAAATAA AGGAGAATGT GAGAAGGAGT
168251 GTGCTAAGAT TGGGGAAGGT TAAACTTGAA CAGTGACTTG GGGAGAAAGC
168301 ACTTAGGGAA AATGAGGTAT GTGAAGCCAT TCCTTAAACAG AAATCGCCAT
168351 AGTTTGGGGA GTGTTCTACT AAATATTGT ACTGCAGCT GTGTAAATGA
168401 ATGTCCCATG TGAAGAGGTA ATTGTGGCTG AGATCGAGGA TGTGACGTCT
168451 CGAGACTCCC CTTTGGGAGA TTCTCAAATC ACAGAACCAT ATTAACATCT
168501 CTGAGACATC CTCCTGCCAG GAAACCTGTT TAAATCCGTT TATTGCAGGA
168551 TTTTCCAAAC TCAATTGAGC ATGGAGTCTT TGTAATACTC CATGGAATGA
168601 TTTCTGTTAA ATGGTTTCAG GGAATGCTGT CTGTTGGAGG CATCAGACAG
168651 ACTGGAAAGC CTGGCTGAGG TCAGGCATAG GAGGCCCTAT AGGCCATGCT
168701 CAAGTTTTGA AGATTTCCTC TGTGCAAAA TTTTAGTGTC CTCACATCCC
168751 CTATCAGGAA TGGAACTGCT ATAATTATAC TGAGCCTCTC TGCTTTGGAA
168801 AGACATAAAA GGAAAAGCTG GACCTTTGTC CTCAAGGGGC TCAGAGATTA
168851 ATGAGAAGAC AGAAATACAA ACTATTGTGA TACATAACAA AATTATTTTA
168901 AATGGAGCTT TTGCAAAATG CTTTCTACAA AGACAGCGCA CCCCCTCCTG
168951 TTTCTCGGGG ATTCACATAA GCTTCAAGTC CAGATTGCA TGCCCTGGAGG
169001 ATGGACGAGG AAAGATGGAT GAGTATGGGG GGAAGAGGTG GGGGACGTAG
169051 TGGTGCCAGG ATCAAGGACT GATGGAAGTC CACAGTGAAG GCCGTGGGAG
169101 TTGGTGAGAA AGAGGTAGAA GGTGAAACTG GCAGGATTTG GGGAGTGGAT
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169201 CAACCTTAGT TCAAATACAT TCCCTGTAGC AGGGCCTTTT TTTCTAACCC
169251 CCTGCTGTGT TTCTGTCTAG ACTCTTGCTC AGCACAGTAG ACATTAAGAA
169301 ATATGAGTTG ACAGATTGTT ATATTTTATA ATGTACAAAA TCCTATGCTA
169351 CTAAGTTTTA ACAACTACTT TTAGTTAAGT GTTTTATATG CATGGGGTAT
169401 CCTCGGGATA GAATCCTAAT CCTGTGATGA AGATTGTCAT TGATTCCATC
169451 AAATCACATA TAGGTTTGTA AATTCTTGCT TTAGGAATTG CTGTCTTTAA
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169701 TGTGTTTATT ATTCCCTAGT TTTTAGAAGC AGTTTCTCCC CATATGTGCA
169751 TGTTTTTCTA AACAACTTTT GGTTAGTTT TGCTTGTTTT TGAACCTGAA
169801 GAATATTGTG GCTGGGTGTG GTACCTCATG CCTGTGATCC CAATACTTTG
169851 GGAGACCAAG GCAGGATGAT TGCTGGAGCC CAGGAGTTTG AGACCAGCCT
169901 GGGCAACATA GTGAGTCATC ATCTCTATGA AAAATAAATG TAGCCAGACC
169951 CAGTGGTGCA TACTGTAGT CTCAGCTACT CAAGAGGTTG AGGCTGGAGG
170001 ATTGCTTAAG ATTGGGAGGT TGACACTGCA ATGAGTTGAG ATTGCCCCAC
170051 TATTGCATCT TGGCCTGGGT GACAGAGCAA GACCCTGTCT CAAAAAATA
170101 AAAAAAATAA AAAAAAGATT AAAAACAAAT GGCTGCACTT GAAAGCACAG
170151 ATTGATGATA TAGCTTCCAG CATGAGCGAT GCAGAAAGAT GGTGATATCT
170201 GCATTTCCAA CTGAGGTACT GGGTTCATCT CACTGGGGCT AGTTGGACAG
170251 TAGGTGCAGG ACAGTGGGTG CAGCCCAACG AGCATGAGCT GAAGCAGGGC
170301 GAGGCATCAC CTCACCCAGG AAGCACAAGG GGTCAGGGAA TTCCCTTTCC
170351 TAGCCAAGGG AAGCTGTAAC AGATGGCACC TGGAAAATTG GGTCACTCCC

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170401 ATTCTAATAC TGCACCTTTC CAATGGTCTT AGCAAATGGC AACTAGGAG
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170501 CATTGCTAGC ACAGCAGTCT GAGATCGAAT TGCAAGATGG CAGCAAGNNN
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172601 AGTAAAAAGA AACTATCAGA GCCCCAAGA AATATGNNNN NNNNNNNNNN
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176051 CATCCTTCTG TGTATGGACA TCCAGTTTTC ACAGCACTAT TTATTAAGA
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176151 GACCGTATAT GTGAGTTCAT TTTGGGCCCT TCTATTGGTG AGTCTTTTTT
176201 TGTGTGAGTA TCATGTAGTT TTCATTACTA TCACCTTATA GTANNNNNNN
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179951 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180151 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180201 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180251 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180301 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180351 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180401 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180451 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180501 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180551 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180601 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180651 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180701 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180751 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180801 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180851 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180901 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
180951 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
181001 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN

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181051 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN
181101 NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN NNNNNNNNNN TCCGTGCCAA
181151 CGTAGTGAAA CCCTGTCTCT ACTAAAATA CAAAGCATTG GCTGGGTGTG
181201 GTGGTGTGCA CCTGTAGTCT CAACTACTTG GGGAGGCTGA GGCAGGCAGA
181251 ATTGCTTGAA CCTGGGAGGC AGAGGTTGCA GTGAGCCTAG ATCACGTCAC
181301 TGCACCTCAG CCTGGCAACA GAGTGATATT CCATCTCAA ACCAAAACAA
181351 AACAAAACAA AAATGGAATA GTTTTGTAT AAAGCCTATG CACATCCTCC
181401 CATAGACTTT AAATAATCTC TAGTATTACA TGTAATACGT AATGCAATGA
181451 AAATGCTATG TAAATACTTG TTATATTGTA TTTTAAAGTT TGTATCATTT
181501 TTTATTGTTG TGGGTTTTGT ATTGTTTCTT TCTGAATATT CTTGATCTGC
181551 TGTGGTTGGA ATCCACAGAT GTGGAACCCA TGAATATGGC GGGCTGACTA
181601 TTATGACTGT ATTCTTGCAG TTCATGGAAT TTCTTTAAGA GGATTTTCTT
181651 AAATTTTGTG TCATCATTTT ATTGATCTCC CTTTCATTAG GGTCAATTTT
181701 TGGAGCTTTG TCAGTTTCTT TTGGAGATGT CATGATTTCT TCCTGAGTCC
181751 ATGTAATCCT TGTGTCCTTG CGTTGGTGT TGTGTACTTG AGATAACAAC
181801 CTTTCCAGC TTTACAGGC ATTCTTTGGA ACAGACCCTT ATTATGTAGT
181851 TTAACCTGCA ATTCTGGTTG GGCTAGCTGG TAACAGCCTT GGGCAGGCAG
181901 AGCTTATTTT GGAGTTCTCT AAATGCTGG GGTGCTGCCT TTACCTTGAA
181951 TTCACATGGG GCAGCTGGCT GGACTGAGCT TCACAATCAG GCTGAGCTGC
182001 TGGATGGGCA CTACAGTAGC CTCAGATCAG GCCAGGGTGT GTTCTCTGCT
182051 CAAGTGTGAC CACTATTGGA GTTCTGCAGT TGGCCAGGGT TGTGGGAGGG
182101 GCCTCAAAAT TAAGTGGAGA CACTGAGATG GACAAGACCA GATGCTATGC
182151 ACAAATGAAA TGCATGGTTG AAGTTTTCTT CCTGCTGTGT GTGGGGCCTT
182201 AGGGTGAGTT AAGTGTGAG GTTAAGTGT GTGTAAACTT TCCCTCTGCT
182251 GTCCCTGCTC TTCAATGAAG TTTGCTGCAT TGGTTGTCTC CCTGCTGGG
182301 TAGGGTCTTG GGGTAAGCTT TGAGGTCACA CCAGGTGTTG TTAGACTCCC
182351 AGGTGTGGCA CAACTAGCTT TCCATTTTGC TGCAATTCCC TGTGGTGGTT
182401 GTTGTCTCTC ATGGGCAGGG CCTCAGGTA GAGTCCAAGG CTGGTCTGCG
182451 ATTGTGCTCG TCTAGGAATT CAAGCCAGGT AGCACTTTCC ACCTCTTCCA
182501 GGAGTGATCA GCTCAGCTTT GCCTGTGAGC TACACTGTGA GCTGGTACCT
182551 CTAATCAGGT ACTTTTGTCT CCAGGTACAC AAAGCTACCA CCAAGATCTG
182601 TACACTCATT GCTTTGTTTC CACCTGACCC CAGGTGGTCT AGTTGTGCTG
182651 TATTCCGCTG TGTTCCTTTT GAGGTGAGAC CAGAGTGGAC TTCCTAAGAA
182701 GCATCTTGGA ATGCTAGGGA AGCTGGATAT TTGCTTTCGG GTTCTCTTTT
182751 CCCTCTGTAG AAACCATGGT TTTTGGGAAA TCCCGTCTGT GAGGCCCTGG
182801 GCCAACTTGA GGGATGGGGT GGGGCAATGT TGTCAAAGTG AGATAGTTTC
182851 TCTCACCTTT TCCATGCGGC TTTTATTCCA TGCTGTGGAC CACACAAGTG
182901 ACTCTGACTT ATTCCTAACT TGGGGAGTTT TCACCAAGGC GTTCTTGTCT
182951 TGTGATGATT TGTAGTTGAA CTTTGTGTGG GGTAGGGGGG TAGTGAAACC
183001 TGTGACCTCC TATCCCACCA TCTTGCTGAT GTCGTCTGAA TTCTCTTTGT
183051 ACATTAGTTT TGTGATCTAG GAACTCTGAA CTCTCTTATT AATTCTAATA
183101 TGTAGATTAT TCTGGATTTT TAAATGTAAA CAAAATACC ACTTCTGAAT
183151 AACAGTTTGG ATATAACCCT CCAGTTTTTA TGGTCTATT TTTTCTCG
183201 ACCATCTAG CTTACTAGAA CCTCCACTGC AAAATAGAAG TAGTGTGGG
183251 GCCAAACAGA AGTAGCGTTA AGGGTACTTC AGCTTTTTTT CCAATTGAA
183301 TTCTACTAAT GTTTTACATT TAAGGATGAT GCTTATTGTA GATTTTCTGT
183351 AAGTACTTAT TATCAGTTA TTATGAACAT GTTTTCGAGT GTATCAACTA
183401 ATTTCTCTGT ATTTATTGAC ATGATCTTAT GGTTTTCTT TTTTAATCTT
183451 TTGATTTGTG AACTACATTC AATAATTTCC CAATGTTAAA CCAATCTAGC
183501 TTTCTAGAAA ATAGCCAACT TGGTCATGAT GTGTTACTTT TTAATAATCA
183551 TTATTTGATT TGTGTTTAGG TATTGTTTAA AAATTTTATA TCCATATTTG
183601 AATGTAATTT GCCTATAGTG TTCATTTTCC TGAATTTGCC TTATTGGATT
183651 ATGGTACCAC AGTTACATTA TCCATAATAA TGAGTTAGGG AAGCTTTCCC
183701 TCTTTATCTC CTTTGACTTA GTTTATGTAA AGCTGAAAT ATTTCTTCTT
183751 TGAATGCTTG ATAGAACTCA CTTGAAATTT TCTTTGTGAG AAAATTTAAA
183801 CTACTAAGTC AACTTCTTTA ATTATTATAA GATTATTTCG CCAGGCGTGG
183851 TTGCTCAAAC CTGTAATCCC AGCATTTTGG GAGGCCAAGA TGGGTGGATC
183901 ATGAGGTCAA GAGATCGAGA CCATCCTGGC CAACATGGTG AAAACCCATC
183951 TCTACTAAAA ATACAAAAAT TAGCTGGTCG TGGTGGCGTA TGCTTGTAGT
184001 CCCAGCTACT CGGGAGGCTG AGGCAGGAGA ATCACTTGAA CTCGGGAGGC
184051 AGAGATTGCA GTGAATCAAG ATCAGCCAC TGCACTCCAG CCTGGCGGCA
184101 GAGTGAGACT GTTTCAAAAA AAAAAAATT ATTCATACAT TCTCATTTCT
184151 TAGAAGTCAG GCTGTTATAG TAAGCTTTTT TTTCTGCAGA TTTATTTTAT
184201 TAAATTTTCA AATTTATTGG CCTAAAGTTG TTCACACCTA TCATCTTTTT
184251 TATTTATGAC TATAGCATCT CTCAGTTTTA TTCAAGTTAT ATATTTCAGA
184301 TTTTATTTAT TAGAGAAATT TGATCAGGGG AGTTTATTAG ATTTTTCAAA
184351 GGACAACCTT TTGGCTTTGT CCAACAGACA TTTTAGGTAT GTGAATTATA
184401 CCTGTAAATT TTGCTCTTAT CTATTGTGGT ATTAGTATTT TTCTTGTGAG
184451 TGTCTTCTAA AGTATGTCTT TATATATTTA AGGTATTCAT TATTTAACTG
184501 ATATCTTGGT TATAAATAAT TATCTCTGTT TTTCTTTAAT TTTGATTTTA
184551 GTCATTTTTT TGTTTATAAT TTTGTTTATT ACTTTTGTAC TTAGAATCAT

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184601 CCTTTATTTA GAAATGAAAG ATTAAAAAA ATTTTTTAAAC ATTAGTTTTA
184651 TTTGTATCTC TAACTGTAAT CAAACTATGT CTCTGATCTG GAATTTTATT
184701 CCGACCTATG ATGTTAAGAC TTCAAATCTA TGGTTGAAAA TTCCAGCTTT
184751 ATGATAGAAT CACCTGAAGT GCTTTTTAGA GACATTTGCC CAGTTCCTTT
184801 CAGTTCCTCT CCGCACTCAC TAAATGTAGG GGTGGGATGG GGTGGTAAAA
184851 TCTCAGAATA TTTAAAAAAT ATATATCATA GACAGTTCTT GATGCACAAT
184901 CAGGTTTGGG AACCACTGAT TTAATATAT TATTTTTCCA AATAGCTACC
184951 TGATTGTTCC AGCGCCATTC ATTGAGCAAG CTTTTTCCTT ATTACTGGTT
185001 TGGGATTCCT CCTTTACCAT GTGTGTTAAA CTCCAGAGTA TGCTGGGGGT
185051 TGTTCTGTGG CTCATTGGTT CTATTAGCAG TCTTGTGCCA GCGTCACAGA
185101 CTTAGTGAAT CAAACTTTAT GACATATTTT AATGTTTATT AATGCTAGAC
185151 CTCCCTCTTC CTTATTCTTA TTTTTTAAAA CGTATCTCAT CTTTCTCCTC
185201 AAAAAATTTA GGATATTTTT CATTTAAACA TGTTATTCAG AACAGGTTG
185251 GTTGTATGTG ATCATCTTTT CCATGTCATT TCCACTGCTT TGTGTGTAAG
185301 ATAATTTCTT CTGTGTGTA ACTTGTGTTG TTACATAATT ATTTTCTTTG
185351 AGTTTGTGAG AAATACGTAA TTTCTTGAT TTTCTAACTG GCTCTTATTG
185401 GTGCATAGGA AAGTTCCTGA TTTTCTTTCA GTAGAGTTTT TAAAGCGCAC
185451 TCTGCCTTTT GGCTCTGCTG AGATTCTTTC AGTTCCTGGA TTGTGTCTCT
185501 GTGCTTTGCA CTGACTGTGC CATTCCTTCT TTTATTGGA ATGTTCTTCA
185551 TCACTGCCCA CACTCCCACC TGTACCTAAT GATTTCTTAA GCTTTAGATT
185601 TCTGCTGAAT CATCCCTTCC CCAGGATGTT CCTTCAGACT TTTCACTAGG
185651 TCATGACCTC CTGCTGTGTA CTTCATCACA ATCTACATCT TCTGTTACAG
185701 TGCTCTGTTT CAGTGCAATC ACTCTCCCT GCTGGATTGT AAACGCTCTC
185751 AGGTCCAGGA AGGTTTTTTG TTTTGTTTAA GTCTTTAAAC CATCTGAGTT
185801 AATTTTTGTG TATGGTGTA GGAAGGTATC CAGTTTCAAT CTTTGCATA
185851 TGGCTAGCCA GTTATCCAG CACCGTTTAT TGAATAGGGA GTCCTTTCCA
185901 GACTGGATAA AGGTGGTACA TATACACCAT GGGATACTAT GCAGTCATAA
185951 AAAAGAATGA GACCATGACC TTCCGAGGAA CATGGGTGGA GCTGGAGTTA
186001 TTAGCCTTAG CAAACTAATG TAGGAACAGA AAACCAATA CCACATGTTT
186051 TCATTTATAA GGAGGAGCTA AAGGATGAGA ACACATGGAC ACATAGAGGG
186101 GAACAACAGA CACTGGGGCT TACTGGAGGG TGGAGAGTGA GAGGAAGGAC
186151 AGGATCAGAA AATACAACCTA ATGGGTACTA GGCTTAACAC CTAGGTGATT
186201 AAATAATATG TATAAGAAAC CCCCATGACT CAAGTTTACC TATATATCAA
186251 ACCTGCCCAT GTAATCCTGA ACTTTAAAAA AAAAGTTAAA TTA AAAACAA
186301 GATTTTTGTT TTTGTTTTTG CTGTGTCTC CTTAATCAGG AGAGCAGACC
186351 GCACACAATG GTGATTTAAT AAATTGCTTA AATGAATGCA TGAATGCTTG
186401 CTTCAGCAAC ATAACTTTGG CAATGTGGAG ATTGTGGTGG AATAGGAGAG
186451 AAGATGTAGA GAAGCCAAAT GAAATCTGTT CCAACTTTTC AGGCAGAGGA
186501 GGATAAGCAT ATGAGCTAAG GTAGACTTAC TCAGGATAGA GGGTAAGGGT
186551 TAGCTTTTCA AGTGAAGAGG TGTGATTGGC ATCAATTAGG TGCTGACTGG
186601 ATGCTGGCGA GAGAGAGAGA ACCAGGTGAA TGGGATACCT CTGGAGGAGC
186651 TGGCCTTGGG AAGAAAGGTG AGGGAAAGGT GGGGACATTT GCTTTCTCTC
186701 CTGTAGGCTT TGAAGGTAAG GCATGAGGGA GAATGCCCT CAGAACTGT
186751 TGTTTGCCCT AAAATCCAAC AAAGCTCTTT TTAGGTTTGA AAAGAAAGCA
186801 GTTCTTTTTT GCTCATTCAT AGAATACCTT TCAGTGAGTT GCTTCTAAGG
186851 ACGGTAGCAG AGTTTTTGCT GTCATTGTTT TGTTTTATTT TTTGGTTTTT
186901 AGACGGTCTC ACTCTATTAC CCAGGCTGGA GTGCAGTGGC ACGATAAGGG
186951 CTCAGTGCAG CCTAGACTTC CTGGGCTCAG GTGATCCTTC CACCTCAGCC
187001 TCCCGAGTGG CTGGGACCAC AGATGTGTGC CATATGCCTG ACTAATATTT
187051 GTAATTTTTA TGGAGATGGG ATTTTCATCAT GTTGCCCAAG TAGTTTTTAA
187101 CTCTCGGGCT CAAATGATCT GCCCGCTTG GCCTCCTCCC AAAGTGCTAG
187151 GATTACAGGC GTGAGCCACT GTGCCCTGCC CTTGGTAGAG TTTTGAAGAC
187201 AGTTGTTATG ATGTTAAGTC ATTGCACTGA GTCACCTAGG CATCCTTTGG
187251 CTTTACAGGA CATAAAATAT GGGAGTTTCA TCACCAGACA GTGGGCGGTA
187301 CTGGGTTTTT TACTGGGTGG ACAGTCTGCT TAGTGGGAGA GTTCTGTCTC
187351 TAGTCTGTGC CCTTGGACTG TAGATATAGA CATAGAAGGT CATCTCCCTT
187401 TATTTGCGCT TTCTGCTTTC ATTGTCACTG GGGAGACAGT CCCCCAAGT
187451 CTTCCTGTGT GTGACGCTGT GCAGGTGGTA CATAGAAATG CCCATCAGTG
187501 ATACTTATTT TGATGCTGCT GTGATCCTGA GAATTTTCCC ACTTATAGGT
187551 GCTCTCTTTG GGATATCTGT TGGCATTCAA CTGTTTTCAA CAGAAGTCTC
187601 CAAAATTGGT ACTCATCCAG GGTATGTTA ACTGCCAGT GTACCGAAGG
187651 GTGATGTGGA CAGGTGGAAG AAGACTGGGT TAATCTCTTA GTGAGACTAA
187701 GTGTTTTTTT ACAAGTGGTT GGTGTCTGA GGGTTAGAAG ACTTAGAAGA
187751 GTTTTACATT CTACATTGAG GAAGTAGGCA CTCACCCATG GTGGGTGGTC
187801 TGATGTCCTT GTTTCTTCAG TGGAGTTCTT TTTTCTTTTT TCCTTTCTT
187851 TCAAGACAGA GTCTCACTCT GTCACCCAGG CTGAGTGCAG TGGCACAATG
187901 TCAGCTCACT GCAACCTCCG CCTCTGGGT TCAAGCAATC CTCCTGCCTA
187951 AGCTTCCCAA GTAGCTGGGA TTACAGGCAT CTGCCACCAC GCCTGGCTAA
188001 TTTTGTATT TTTAGTAGAG ACAGGTTTTT GCCATGTTGG CCAGGCTGGT
188051 CTCGAACCTC GACCTCAGGT GATCCACCCA CCTCGGCTC CCAAAGTTTT
188101 GGGATTACAG GCGTGAGCCA CCACACCAG CCATCAGTGG AGCTCTTAAT

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188151 GTCATTTAGA ACATTATTAT TGTTCAGTT GAACCTGGAGA TGGTAGGAAA
188201 TAGTGAAGTT CTGCAGTTGT TGAACAAGA TGCTCCCTCA ACTGTGCTGT
188251 TCCCCACAGT AGAGAGGTAA GACACTCCAG AGGAGTTGAT GGTGAGCAG
188301 CTATCTGATG CCTCTAATG GGAATGGTCT CACAGATTCC TTACTGACCT
188351 TAAGCATCAG TAGTTTGCTT CCCAAGCTTG TGGCCCCAAA CTAAATCTCT
188401 TTAACAAAAA AAAAAGCAA AAAACCCGAA AGTACATGAT TAGATCTTGC
188451 AATACAATTA TTGACAATGT ATTTTCTGTA GTTTAAATGA ATCACTTATA
188501 AAACTTTAGT GAATGGGATA CGTACCTTAT GTGGTTTTAG AAATATTTCGT
188551 GTGCAATG GCAGAATGAA TTGGAGTTCA GGTCACTTTG CCAACTTGTG
188601 AGATGTCAC AGATTTCAAT GTATGTAAAT AAACAAGCTC GTCTTTCCAA
188651 ATACACTGCT ACTTGTATT TCCAAGAGTC TTTCAACAAA TGGGATAGGA
188701 ATTCACAGGC AGGGTCCCAG TGCCTGGTTG AATCTGACTC CCCCTGTGTA
188751 ACCTTGAGCC CATCGCTGAA ACCCTATGCC TTCGTGTCTT TTTGTAAAA
188801 TATGGACACC ATCAGTACTC AGGAACACCA TGAGGACCAA ATAGGTTTAC
188851 ACACGTAAAT TTAGCAATGT TTTTCTGTA CAGTGCTCAA GTGCTCACAT
188901 TAGCAAAATG AAGTGATTCC CTAGTGAATC ACACATTATC TTAAGTTGG
188951 ATTTTTTTTT TGTTTTTTGA AATGGAGTCT TACTCTGTCT CCCAGGCTGG
189001 AGTGCAGTGG CATGATCTCA GCTCACTGCA ACCTCCGCCT CCTGGGTTC
189051 AGTGATTTCT TTGCAATGTA CTGCTCAGT CTCCCAAGTA GCTGGGATTA CAGGTGTGTG
189101 CCATGATGCC CGGCTAATTT TTGTATTTTT AATAGAGACA AAGTTTGACC
189151 ATGTTGGCCA GGCTGGTCTT GAACTCCTGA CCTCAGATCT GCCCACTCG
189201 GCCTCCGAAA GTGCTGGGAT TACAGGCGTG AGCCACCACA CCCAGCCAAA
189251 GTTTGATTTT TTTAAACTT AAAAGTCCCA ATGGATTGAG ATCATTGAGA
189301 TTTGTAACCT ATTATTAACA TACATTTTCT GGCTGGGCAT GGGAGGCAGA
189351 GGTGAGTGG AGCTGAGATC GTGCCACTGC ACTCCAGCCT GAGCAACAGA
189401 GTGAGACTCT GTCTCAAAAA AAAAAAAAAA AGATATATTT TCTTCAGCTG
189451 GGTGTGGTGG CTCACACCTG TAATTCCAGC ATTTTGGGAG TCCGAGGTGG
189501 GTGGATCACT TGAGGCCAGG AGTTCAAAAC TAGCCTGGGT AACATGGTGA
189551 AACCCTGTCT CTACTAAAAA TACAAAAATT AGCTGGGCAT GGTGGTGCAT
189601 GCCTGTAATC CTAGTACTC CAGAGGCTGA GGAAGGACAA TCGCTTGAAC
189651 CCAGGAGATG AAGTTGCTG TGAGCCAAGA TTGCACCACT GCACCTAGC
189701 CTGGGTGACA GATCGAGACT CTGTCTCAAA AAAAAAAAAA AAAAAAAAAA
189751 AAAGACAGAT AGTTTCTTCT ATTAATTCGG GATATATATT GTCCAGGGGA
189801 GTTGGGGAAA AGCCTAGACT TAAGACCTAA CACACTGACT TTATAACTCC
189851 AGAAAGCCAC ATGAAATGAG TTTGGTGTTC AGGTGAGGAA ACCAAAGTGC
189901 AAAATAAGAG GAGGAGCTGT CTGTATCCTC TTATGCCTTG TCTGGAGGTG
189951 TGTAGGAGGC TGAGAATGGT TTAGTGAGCA CATTGTATA CATCAGTGAT
190001 CTCTTCCCTC CTGTCTCAGA TACTGACTCT GTGCCCCGGG GTCCCTCTCC
190051 GTGAAGCAGG AGTTACACGC TCAGATGCCT GGAGGGGTGA GACAGCAACA
190101 TAAATGTCTT TCATGGGCCA GATGGGGACT GTCACCAGCA GCAGAGCATG
190151 TTAGGCCACT ACTCATTGCC AAGCAGTTGT TTCCTGTAGG AATTGAGGCC
190201 CAGTGTCCA GAACCTCTGA TTTTCAAGA AGAGACAGAA ATCTGTACTG
190251 CATAGCCCA ATAAATCTTG GATTAGATGC TGGCTGCAAC CACACTAGT
190301 TGCAATTTT GTAATGGGAA GAAAATATTT ATGATCTATG TAACACACAA
190351 ATGTTGGTGT TAAACAGATA CTTTACTCT AGAATCTTTG GGTAAATGA
190401 AGTCTGATGA CCTTGTTAA ACATATTATG TAATGCTTGA CTTTGGTCTAT
190451 TCAGGAAATA CTACTGTGT GCGTTAACAC GTAATTTAGT ACATATTTTC
190501 TCTTTAAAT GAGCAGTTGC TACAATGAA ACCTGGCCCA GAAGTAGCAG
190551 ATTGTCATTC TGCAAAATAT TTGGGAGACC TGTCTTTTGC CTTTTAGGTT
190601 TTGTTAGTTT GATGGAGGTA ACGTTACTTT TGGTCTTCTC ATTGTATTTA
190651 ATTGACAGTA TCATCTTCTA AAGAATTTCA GTTTACAGA TTGGAGTAGT
190701 GAACTCAGGG AAGCATTAATA AACTAGTAGA AAGATTGAG TAGATTGGGC
190751 AACTTGGCAC CAAGGCCACT GGTAGGGACG TGCACACTCT TTTCTTAATA
190801 ACTTAGAGGT GATGAACCTC TGATTGATTG CCTCAGCTAA CAGATATTTG
190851 GCTGTCACTA AAAATTATCT AAGTTGTATT ACTTGAAAAC TTAGAATTTA
190901 AAAGTGTAC CATAGAGGCA GATGTGCCTC TAGAATTACC TGTGTCCAGA
190951 CCACCAAAAA TGACCAGACA TTCCCTTGC TTCATATGAG TGAAGTCTAC
191001 TTCTTGACTT TTTAAAGAGT TAGCTTTGGC CAGGCACGGT GGCTCACACC
191051 GGTAAATCCCA GCACCTTGGG AGGCCGAGGC AGGCAGATCA CCTGAGATCA
191101 GGAGTTCGAG ACCAGCCTGG CCAATATGGT GAAACCCCGG TCTCTACTAA
191151 AAATATAAAA ATTAGCCGGG GGTGGTGGTG CGCACCTGTA ATCCCAGCTA
191201 CTTGGGAGGC TGAGGCAGGA GAATCACTTG AACCTGAGAG GCAGAGGTTG
191251 CAGTGAGCAG AGATCGCACC ATTGCACTCC AGCCTGGATG ACAAGAGTGA
191301 AACTCCGCTC CAAAAAATAA TAAAGAGTT AGCTTCACTT TGTGCTTTT
191351 TCCTATCTTC CAGATAAAAT TATCAAGAGA TTCAGTCACA GATTTGCCTC
191401 TGCTTTACAG CACTGCCAAA TCCAGAGCAA AACCATACTT CTCTGAACTT
191451 TCCCCAAAT CATCTAACAA GAGCCCAAT TCCCTCCTAC AGCTCTTTTG
191501 CTCAGAGCCA CCCCATAGTT TCCCACCTGC TGGCTCCCTG ATTACAAAGA
191551 GTCATAAAC TCAACCTGGT ACTACTGTAG TCTGCTCCTG GTGAGCTGTG
191601 GATGAAGGGT ATTGCTACCT AGGTAAGATT TGATGATATT ATTACACCAT
191651 TATTTACTTG TTGGCATTTG TGAAATATTA AAGGTAGCAG GGCCTATCAT

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191701 AGGAGGAAAG GAAGGTTGAT GGTAAAAATG GAATGATCTA TTTCAGCAAA
191751 AGCTGCCTAA GAAATCGTCT CCCTCAGAAG GTTATGTATG TGCAAGCTCT
191801 TCACCTCCCTG GAAGAGCCAG TGAGTCACTC CAGGCAGTCT TGCAACCGGT
191851 CGTTTGATTG GAGTTACAGA TAGTAGGAGG TGACCCTTTG AAATCTATTT
191901 AGAAAAAGTT CTTTCTAAAA GCTATCGATT GTGCTGATTA TGATCATAGC
191951 AGGTTTCAAC CTGCTGTCCA AGTCTGGAAC TTTAGGCAAG TTAAGATCAA
192001 CAAGCACTCT CGGATCGAGT TTCATTAAAT TAGAGTTTGC TGCCAAGTCA
192051 GGTTTTGAGG CCAACTGCAT GCCAGGCGCC TTTCAATGGT TGTCTGTCTG
192101 AGCTGGGGGA ACGTTGGAGG ATGCTCTGCC CTTTCTCCAG TATTAACCTT
192151 AGACCAAAATC CCAGGGGCTT GCCCTGAGAT AAGCTATCTC TACACCACTG
192201 GAAAGAGAAT GCTTTGCTGC AAATGCATGA AGGCAGAGCA AAGATGTAAG
192251 GCAAATAAGT GGGAAATCCA GTTCGGTAGG CTTTTCCCAA AAGCGAGAGA
192301 AAAGCGTTCG TAGTCCTTTA TCAGGATGGT GGGGGAAAAA GAAAAAGTAA
192351 GCTGACTTTT ATTTTTTCAA GTCACTTTCC TAAGAACTT GTAAGGACCT
192401 CTCTAAGCCA CTGCTATCTG TCTTTGTAGG GCAAGCGTGA AGCTTCCCT
192451 TGCCAGCTTT GTGATGTCAT TGAATTAATA ATACTGTAAA GGCTAGATCA
192501 GAAGTCAATT TGGCAGCTGT GCCTTTAGGG AAATTTTGG GAGAGTGACC
192551 TTCCATTTCT AATAAGCATG TTATTACATT TAGAATTAATA TTACTAAGAG
192601 GAAAGAGAAT GCTTTGAAAT TGCTATTAGC CATTTTTCCT CTTTATTTT
192651 TAATGAACATA GAACAAGTTG AAGCCAGTTG TTTCTATTAG TAATAGTACA
192701 CAGTAAGAAA GGAACAAAAA ATCTTTTACT ATCAGGCCCT TTATGTTGGA
192751 CAAGTTTAGC TCTTCTAAAT ATCAGAAATT GTGAAAGACT TCCACAAAGT
192801 CTATTTCTTT TTTCTTAATT TGGGTAGAGT GGGAGAGGCC AGTGGGTTCC
192851 TTTACCAAT TTTATATTG AATGCCCTCT CATGTGTGAG TTTTCTTCTC
192901 TAAAGTGAGA AAGATCATCT TCATTTCAAC GTTTGTGTGA TTCTGAAATT
192951 CATGTGGAAT ATAAATGGGC CCCAAAGTCC AATGGTATAT TCTGTAACAA
193001 TGCACCTACC GAGATTTTAA CCCATCAACC ACTAGAGCCC AATTTAAAAA
193051 ACCAGTCCCT AAGGCAGGGT GGTACCCGGG CTGATGTAAA TGAATAGACA
193101 CCCAGAGGGC AGTTGAGAAA TAGCTAGCAA GCAAGTTGGA TCAATTTTAA
193151 TATCAATCA CACTCTCAA TAAGACAGAA GAACCTTTTA CGAATGATGT
193201 TGGCAGAGAG AGATGGCAGT TTGGAGCCAA AATTTAAATC CCACACTGTA
193251 AACCTAAAAC AAACATAAAA GGGTGCTCCA GGTAACTAA AGATGACAAA
193301 TTATTGAATT GTGGAACAACA TAGAAGGAAA AAAAAAGAG AGTATGTTCA
193351 GATATGAAGC ATAAACCAA GTCACAAAGC TGGAAATATT CCCTCATTA
193401 ACAATACCTC TTTAAGAGCA GGGGCTGTCA CAACAACCTG GTAATATTCC
193451 ACACATTTGC TAAGGTAAAT TCAACAATAC TATACGTGGA AATGCTGCTA
193501 CTGGGGATCC CGGTTACCCC AAAAGGGACT CTTTCTGTT TGGCTTCATG
193551 AAGACAATAC ATAAACCAA AAGTGAGTGC CAAGCAGTGC AGACTTTATT
193601 CGATGGTCA GGAATGGAGA AGTGGGAGCG TAGCTTGAT ATCAACAAC
193651 CAGCTCTTGA GAACTGGGAA GTTACAGATA TAGGGGATTC TTCATTTTAA
193701 TAAGCCTGTA ATGATGGCCC ATTTGTGTCT GTGTTACAC GTGCGTCTCT
193751 GAGAGACAGA GACAGAGTTC ACTACATGTG GGTATGGTAT TTAGATTCTC
193801 CTATTGGAAT CAGGTTCCCT TGAAGCTCAA GGATATTGTG ATGCACAGGT
193851 GCTCTGACCC AGGAACACAG CCTGGCCTGC CTATCAGATA CGGACCACAG
193901 GAACCATCTG TTCTACTACT CTTCCACACC CAAAAAACCT GCCACTGCCG
193951 AGGCTACCCC TACCAAGTCT AGGTGTGTAC ATTAGCTTAA AATAATTCT
194001 GGTATTATCA AAGGTCAAAA TTATTCTCT CTTGTACCT TTATTGATTC
194051 CGCTGATATT CATCCATTTG CTTATTGACT GGTGTTTTCA TTGTGGTAGA
194101 GCCACACAA TTTTGTTTTT GATTGTCATT ACTTATATAG ATTTTGTAGA
194151 GGAACCTAAG ATTGTTTTT TCTTCTTTC TCATTAACCT GTAATATCTC
194201 AAATATGATA TGAATAAAGT AAAAATTGAC TTAAGTAAAG GGTGAGAAAA
194251 AGATTATGAA CTTAAGAAGG ATTAACCAAT ATTTGCATAG CTCTGGAGAG
194301 ACTGTCTTTC CTTGTATTAC TTGGGGAAAG CAAAAATTAA AAGAGATGAG
194351 ATCTATTATC TGAAACATGG ATAGTGTGAC CTACCCAGAG TACCTACTTT
194401 TTAACCTTCC AGTGGGTGTT GAAATCTGAT TCAGCACATT CTTGGAGAGT
194451 GATGAGTAAA TTTGTTGTTA TATAAAGATT TTTCAAAAAT AAGCATCGGA
194501 TTCAAACATG AGTAGAAAGG ATGAGATGTT AATTTAAGTG ATTATGGGAA
194551 GCTGTGATTT ATACACATGA AATCATTCAT TTAGAGATGG GTAGTAAGAA
194601 CAATGAGGAT CTTAGGGACT GAGTATCTGT TTCCTAGGAC ACTAGAGACA
194651 GCATTAGGTA GTGATTAAC TAAGAATTCT GAAGTGTGAT TGCCTAGATT
194701 TGAATCCTGG TTCTAGTCTT TTCTAGCTCT CTGACCAGGA GCAAAATACC
194751 TAAGCTGTCT CTGCCTGGAC CTTCCCATCT GTAAAATGGT GTTAATAATA
194801 ACATCTACCT CATAGCATTA TTGTGAGGAT AAAAGTGAGT TAATATATGC
194851 AGATTTCTAG AAGAGTACAT AGCATATTGT AAGCGCTGTT ATACACATTT
194901 ACTCTCATTA CTGCCCATGA TGAGTGTGCA GAGGTTAACC AGGAGACAAA
194951 AGGAAGCTCA CACCCAGTT GTTTTGTGGG CTACATTCCT GGCGATGTTT
195001 TATCGTTGCC CCGATAAATT TCCCATTITT TAAGAAAAAG AATTCATAGG
195051 CTTAGCATGT GGTGATTTA AGCCTAACTT TTGACTGATT CTATATGGGA
195101 TTCTGACTCT CTGATTAAC TTGATGTTCT AACTTTACCT AGCGAATATT
195151 TTTTTTCTTT ATTTTATCGA ACAGGGAAGA GGTCTTTTGA TTTTGGATT
195201 ATTTGGTATA ATATTATATT CTTGAAATCA TCCTGTGACT GTCAAAAAGC

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195251 TGAAGTGAAG TGAACAGTGA GCCACTGCAG ACAGAAACAA TTATTCAGGG
195301 AAACATAAAT TCATAATCAC TGGGCCTAAA ATGAATTAGT GAGTAATCCA
195351 ATCTGGGGGT GAGAAATGAG CCCTTGGCAA CATTGTTTTT AGGCTACAGA
195401 TGGTCTTGA AACACTATTA GCCGGTGGAT CTGAGCACCT GAAAGGTTTA
195451 AGGAAGCCTG GGTCTGTGCT GAAGGTGTCT TTGGGTAAAC TGTATATTT
195501 GCATGCAGCA TCCTTTTAGA ATATCAATGA GATCTTTATA TGCATGTGTT
195551 ATGTCAATTC CAAGCACCTT GTCAGTAAAT GGATGGGTGG CATCAGCCCG
195601 AATGCAAAGG AAAGGGGTTT ATCTGGAAGT GAAATAGCAG AAAGGGAGCA
195651 GGAGATGGAT ATTTGATGGC TGCCCTTCCC TGTGCATTGT GTGAATACCA
195701 CTAGGTGATC ATCTCAGGGC ACCTGCACAG GCATCTGAAA TGCAGTGTAG
195751 AGGCTCTGCT TGGCAGATT TGGGACATTA AGGCTCAGAT AAGATAACTA
195801 TCTTGGCCCA GATCACATAC GTGGGACATG GCAGAGCCAG GATTCAAATT
195851 CAATTTTGAA TAATTCACAA GCCAATGCAG CACCTGAATG CGTAGGTTTA
195901 ATAAAAATCA GCCTAATCCT TCTGAAAGTT AATTCAATGC AGGAGTGACT
195951 TTAGTCATTC TAATTAATTTA ATTTCTTTTC TTATAAGTTA TTTCAAGTTT
196001 GCTGTTTCCC TACAGTTTGA ATTGAACTTT TTCTTCGATT GCTGGGCAAA
196051 TCTCATTTAT GAGTTTGCAG ATGGGAGAGG TATTCTTTAA GTCAGCTTTG
196101 CAATTAATAA GAACTAGAGT ACAAATGTCT CAATTTAACC TTGACACCTG
196151 ATGTAATGAT TACACGGCCT CATCATCCAT CATCTTTTGT GTGCCACTGA
196201 GGTGCATTGG GCCACTGGCT TTTATCCCAT GATTGTAGAG TTGCATCCGA
196251 CATTATCTGT TTCAAGGATC GCAGACCAGC TACTTTTCTT GAACTAGAAT
196301 TCTCTTTGTT CTAGACCTGT TGTTTGGGTG ATATATAGAG ATGAAGCAAT
196351 CTTGACCTGT ATTACTGTCT GGCTATAGAA CTTTATTGTA TCCCATAGTA
196401 TACAGGACTG CTTTGAGTTT TGCCTCTATT CTAGCCATTT GCTGAGAAGA
196451 AAGACATTTG TGGAGGTCTC CTCATAGGA ATTTTATTA ACCATAAGTG
196501 ATTTAAACAC ATTTGCAAACT CTGTAACCTT TAAGAGTTAC TGTGACAGAA
196551 TTAGGGGAAA ATATTCTGAA GTTTAATTAG AAACATAGA AATTAGACCG
196601 CCAGGCATGG TGGCTCACGC CTGTAATCCC AGCACTTTGG GAGGCCGAGG
196651 TGGGTGGATT GCTTGAACCT AGGAGTTTGA GACCAGCCTG GGCAACATGA
196701 TGAACCCCGT TCTCTACAAA AAATACAAA ATTAGGCTAG TGTGGTGGCA
196751 GGGCCTGTA ATCCAGCTC CTCGGGAGCC TGAGGTGGGA GGATGGCCTG
196801 AGTCTGGGAG GGCAACAGAG CCAGACCTTG TCTCACAAA ACAAACAAAC
196851 AAAAATGAA GAAATAGAA GATGAATAAT GGCTGTGGTA ATTTACTTTC
196901 TTGTAAGTAA AGGTCTTTAC CTACTTTACA AGAAAGATCT TTACTTACAA
196951 TAAAATAAGT TACCTGTAAA TGGCCTTAA TATTGATTAG GTTGTAAAGAG
197001 AGAATATGAA ATTAGATAAA ATGTAGCAAT ATTTGATGTC ATCATTTCCT
197051 TCCTCACCCA CGCCTCTTCT GGAGTGGGCA GTTGGTCACA TGATCTTGCC
197101 CCTCTTCAGC GATTGCACCTG TGGCTGTTAC TGTCAGGAGA TGCCCGTTTG
197151 TAGGTCTGCT GGTAGAAGTC TGAGATAGAG TGGCTCAGAG ACAAGCTGTA
197201 CCAGTAAGAA CGCCCTAAGA AACTGTTCAA GCCAGAGAGA GCAGTTGCCA
197251 GCGGGCAGTG GTTACTGGAG CTGGAATGCC AGATGAAGTC TGATGGGTTT
197301 GGCCTCTGAT GGTCTTGTGC ATCCAAAACC AGGTAGCCAG AAGGAGCCAG
197351 TTGATCAAGC AGATATAGAA AGATCCCAAG AGAGAAGCAG AGGTATCATC
197401 CAAGAGATGT GAAAGATTTT TCCGCATCCC AATTGCTACC TGGATTCCCTG
197451 AGACTTGGTT TTCATTTTCT TCTGTGAATC TAGTGACCAT ATACCTTTTT
197501 CCTTGCGGTA ACATGGGACA TAACTGATTT TCTTGAATGC GAGAGAGCTT
197551 TAACTAAAAG AAGATTGACA TTTAAGACAA AATGAAATAT TGCAAAATAGT
197601 CAAGAAGATC TACACTTGGG TCCAGAATGT TATAGAATTA AGAAAATAAC
197651 TTTCTGTGGC ATCAGAGATT GAAAAAATAA AAGCCGTCGA GACCAGGAGC
197701 AGTGTGGCTG TGAATCCTTC CAGAGCCCAG ATGTACAAGC CAGCAGAAGC
197751 AACAAAGGCT GTGGCCAGCA ACGAAGGCAG AGTCCCCGGT AGGCGGAGGT
197801 CCCCGTGCAC AGTGTGGTGC AGCAGTGAAC CCAAGATTTT CCTTCACAGG
197851 GCAGGGGAAC TATTTCTTAA TAAGCATTTG CATTACAGTT AGTAACCAGT
197901 TGATAGGATT ATATCAACCT GTCTCTAAGT CAAAACAGAT TATTCAACTT
197951 TTTTGAGTGG TATTTTAGAA TACATAGGTC AAAGGTGGGC ATGGTGGCAC
198001 ACACCTGTAG TCCCAGCTAC TTGGGAGGCT GAGGAGGGAG CCGTGCCTGA
198051 GCTCAGGAGT TCAAGTCAGC CTGGGTAAAC TAGGGAGATC CTGCTCTTAA
198101 AAATAAATAT TAAAAAGAA CATGTAGATC AGAATTTGGA TGAATTTTTT
198151 TTCTCAAGT GCAGAGATGG TAGGGGCATA CTTCAATCC CTGGTACATG
198201 ACTTCTTTTC TGGTCTGCTT AGCAATATGT GTGAAATGTG GCCAAGGATA
198251 TGGGACTTGT TGTGCCTGTG CCATATAAGA GCCTCATCCA AATAAGTCTG
198301 TACCTCTGTC TTAATTTCCA GAAACCATGG ATGCATGTAA CAAGCATATT
198351 GAATAGGTTT TGTAACCCAG AGCTTATTTG TTTTATTATT TATTATTATT
198401 TTAGAGGTGG GGGTCTTACT ATGTTGCTCA GGCTGGACTT GAACTCCTGG
198451 GCTCAAGGAA TCCTCCCGCC TCAGCCTCCT GGGTAGCTAG CTGGGACTAC
198501 AGATGCACAC CACCACTCCT GTCTCAGAGC TTGATTTTTA AGCCTTATAT
198551 ATACTTATAT TAAAAATATG TCATAATATA TTTTATAAAA TGAATATATA
198601 AATATATATT TAAAAATATG ATATAAGGCT TAAAAATTTA ACGTTAAGAA
198651 TGCTGTTTCT CTTTTTTAGT TTCTACTGGC CAATGGAAAG AACATCAAGG
198701 GATTGCAGGC CAAATTTATA AAATGTTTAC CCAGGGCAAT GCTAGTTTAC
198751 TTTTCATGAT TCAAGTATTG TCATTGTATA ATTTAGGTAT TTATACTCCC

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198801 CGGGAAGGTG TTTCTTGGAA CATTTTAATT ATTGAATCTT AAGAATATTA
198851 GTTTTTATTA ATTCGTCATT TATTTGTTTA TTTTATTTTT TTATTTTTTT
198901 GAGACCTAGT CTTGCTCTGT CACCCAGGCT GGATTGCAGT GGCACAATCT
198951 TGGCTCACTG CAACCTATAC TTCCAGTTC AAGTGATTCT TCTGCCTCAG
199001 CCTCCCAAGT AGCTGGGACT ACAGGCACCT GCCACAATGC CCGGCTAATT
199051 TTTTTTGTGT GTGTGTGTAT GTATGTGTAT ATATATATAT TAGTAGAGAT
199101 GATGTTTCAC CAAAGTTGGCC AGGCTGGTCT TAAACTCCTG ACCTCAGGTG
199151 ATCCACCCAC CTCAGGCTCC CAAAGTGCTG GGATAACAGG CGTGAGTCAC
199201 CACGCCCGGC CAGAAATATTA GTTTTTAAAT GAATGATTCC AAGCTAAGTT
199251 TTGCTATTGG AAATATAGGA GTTAATTATG ACAATTATCA TTTGATGTTG
199301 TGGGGGCTAA ATGTGGGTAT TTTTGGTGTT TTTCTTTTTT TTTGTTACAT
199351 ATGTTAAACT CTGAGTCTTT TGACAACACC AAAAGGCATT ATGACAACCTG
199401 TATATACATT TAACTTTGCT TTCAGGGAGA CTAGTTCAAG GTAGTAAAC
199451 CTCAAATGG ATTTGCAACT GAATTAAGGT TTTCTGAGTA GAGATAAGGC
199501 TGAGTTTCAC CAAACTACTT CTGCTATCTC TTTAGAAAAA GTACTTTTTAT
199551 TCAGTCTGTT CTTAAAAGAA ATAAGTGTTG TTGTTTTCTT TTTTACCATA
199601 AGCAGAATGA AAACAAAATT AGAAGTCATT ACTTTTTTTT GCCCCAGCTT
199651 ACTTTTTGTT ATGGAGGTAA AAATTACATA ACATAAAACT AACCATTAAA
199701 AGTGAACAAT TAGTATATTT TAGTACATTC ATGTTTTGCA ACCACCACCT
199751 CTGTCTAGTT CCAAAACATT TTCATTACCC CCAAAATTTAA ATCCTGTATC
199801 CATTAAACAG TAACCTCACT CTTTCCCTCT AAAATCACCA GTCTGTTTTT
199851 TGCTCTATAG GATTTACCCA CTCTGATTAT TTCATGTAAA TGGAAATCATA
199901 CAGTGTGTGC TATGTTTAG ATATGGTTTG TTTGCCTCCA CCGACACACA
199951 CATGTTGAAA TTTGAACCCC AGCATGGCAG TATTGGGAAG TGGAGCCTAC
200001 TGGAAAGTGT TTGGGTTACG GGAGTGGATC CTTCAATGAAT GTCTTGGTAC
200051 TGTTCTCCCA GTAGTGAGTG AGTTCTCATT TTTAGGAGAA TGGATTAATT
200101 TCCATGAGAA AGGATTAGTT CTCACGGGAG TCAGTTGTTA ACTCCCTTAA
200151 GACATCCTTT GCATTTCCCT CTTTTTGAC ATATCTGTTT CCACTTTGAC
200201 CTTCTTTCCC ACTCTCCATC TCATGTTGTG ATGCAGCATG AAAGCCCTTG
200251 TCAGATGCCA GGGACATGTC CTTGAACCTC TCAGTCTGCG AAACGTGGGC
200301 CTAGATAAGC CTCTTTTTTT TTTATAAATT ACCCAGTCTT AGATATTCTT
200351 TAATAGCAAT ACAAAATGGA CTAAGACAAT ATGTGTAACC TTTTATGCCT
200401 GGCTGCTTTC ACTTAACATC TAATACTGCT TTCTTTTGTG TTTGATTTTT
200451 TTTTCTAGTG TACCTTTTGG ATTCCCTTTT CACTGCTTTT TCTGTATACT
200501 TTTTAGTTAT TTTCTTACTG ATTTACCATG AGTATTACAA TTAATATTGC
200551 AAGTTTATAG CATTCTAGTT TGAAATGGTG CCAGTGATAG TCAATAGCA
200601 TATAAGAACC CTGCTGCTGT ATAGCTCTGT TCCCCCTTTA TGTTATTTTT
200651 ACTAATTTTA TCTTTGTATA TTGTATTAA ATAGATTTAT AGTTATTGTT
200701 TTTGTGACGA GTCTTTTAAA TCACCTGGGA AAAAGAAGTG GTACAACCCC
200751 AAAATACGTA AATAATGAAT TTTATGTTTA CCTATGGTTA CCTTTACCTG
200801 TGATTGTTAT TTCTTCATAT AGCTTTGAGT TCCTATGAAA TGTCTTTTCC
200851 TCTCAGCCTG AAGTATTCTT CTTTAGCATG TCTTATAGGG CAGGCCTAGC
200901 TCTCTTAGCT ACTGTATATC TGGGAATGTC TTTATTCTCT CTTTATTTTA
200951 GTAATTTTGC CAAGCATAGC ATTTTGGTGT AAGTTTTTTT TTCTTTTCTG
201001 TTTTTAAATA TTTTACCCCA TTGTATTCTG GGCTCCAAGG TTTCTGATGA
201051 GAAATTTGGA GTTGATTTTA TTAAGGATTG CTTGTGTATA ATAAGTTGCC
201101 TCTTTCTTTC TCTTTCTTTC ATTCTCTCTT TTGTTATTGG CTTTGTATGG
201151 TTTGAATATA GTATGTCTCA ACATAGATCT CTTTGAGTTT ATCCTACTTG
201201 GAGTTTGTG AGCTTTGTGG ATATGTAGAT TCATGTCTTT CATCAAATTT
201251 GGGAGTTTTC AGTTATAAAT TATTCAGATA TTCTTTCTGC CTCTTTATCT
201301 CTCTGTTTTT CTTTTGGAAC TCCCATTGTC ATGTGTTGGT ATGCTTGATA
201351 GTATACCACA GGTCTCTAAG GCTCTGCTTA TTTTCTTCTT TTTTCTTTTC
201401 TACTTCTCAG TATGATTAA CAGTATATAA AATATGCATA GGAGTATCTT
201451 CACATTTGCT GAGTCTTTCT TCTGCCTGCT CACTTCTGCT ATTGAACCCC
201501 TTTAGTGAAT TTTTACTTTC AGTTAAACTT TTCAATTAA GAATTTCTGT
201551 TTGATTCTGT TTTATAATTT CTATCTCTTT ACTGATATTA GCTATTGCT
201601 TATACATTGC TTTCTTTATT TCCTCTACTT TTTTGTCCA TGTTTCCATT
201651 TCCATTTAAG ACAGTTAATT TAAAGTTGTT GTCTAGTAAG CCCAGTGTTT
201701 GAGCTTCTTG GGAATAGTT TCTGTCAATT TATTTTTTTC CTATGAATGG
201751 GACATACTTT TTTGTTTTTT GGTATGCCTT GTAATTTTTT TTTTGAAAAC
201801 TAGTTGTTTT GAATATTGTT ATATGGTATC CCTGGAAATC AGATTCTCTC
201851 CCCTAACCCAC GGTCTATTAT TGTTGACTCT TGAGGGCTGC CATCTGTTTA
201901 GTGATTTTTT CAAAGGTTGC ATTCTTTACT GTGTATCATT ACTGAAGCCT
201951 CTGTTCTGTT GACATATGGT TACTGACATT TCCATTTTGT TATCTCATTG
202001 GTCAGCCAGT TATGTGACAG AGGATTTCCCT TAAATGTCTG GAACCAAAAA
202051 GAAAAAGAAA AAACAAAACA CCAACATTTT TTCTAGTCTT TGCAGCTTAA
202101 TTCTGACCTA AGTCATTCCC TCAATGCTAA ACCAGGTCAC CCATGACTCT
202151 GCCTTAGCCT TCACCTCCTG CTGTGCAGAA CCCACAGATC CACCAGTGGG
202201 GCAAACTTAT GGTCTCTCA GGTCTTCTCC AAGCATGTGG CAGTCTTAGG
202251 CATGGATTTT TCACCCTAGC TTCCACAGCG TATACATTTT TTATTCCCTC
202301 TAGAACTTTC CTTCTTAGCC TCTGCCTTCC CTGCTTTTTG GTCTGTCCCT

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202351 TACTAGTTTT TATFCCCTCT AGAAACTTCC TTCTTAGCCT CCACCTTCCC
202401 TGCTTTTTGG TCTGTCTTTT GCTTCCCAT CCATTGTCGG AGGCATAGGT
202451 AGTGTGTGTC TTGAAATCTT TCAACAGATG CCACTGCTGC CTGAAATGCC
202501 ACTGCAGCCC AAGGGAGCAG GAATGAAACA AGTACCAGCC TCTGTGCAGC
202551 CCCTCAGGGA ACAGCCAGGC AGGTCAAAAT ACATACCTGC AGTATTTTAA
202601 GAATAAGGTT TACTTTAGCT CCCTGATACC AGCAAGCCAC ACTAGGAGGG
202651 CAGGCCACCA TCCCCTATGG TGCCCTATGG TGCTGGGGTT AGAGCATGGT
202701 GGGCAAGTGA GAGAAAAGAC CCCAGTGCTT TCTTACTCAA ATCCAGCTGC
202751 CTTTTTCTTC ATTCGGCATA TTCCTTACTA TCATAGGTTT TTAATTAACCT
202801 CCTAGAGTTC TGA AAAAGCT GGTGTGTGCA GTATTTGTTA GCTTACTTAT
202851 TATTTTAGTT CAGGGACCAC TTGTTTGAGT GCCCTACTCC ACCATTTTGT
202901 ATGATGTGAT TTGGTAGTTC CTTCTGAAGG AAGATAGTCC CACTGCATAG
202951 AAATCTAAGT ATGAATATTT TCAATGAAAC ATGCTGTTAT TCAGGCAGCC
203001 TTTTCTGCCT GAGGTTATTC AATCAGACGT TCTGCAGTCT CTTGCCCTGG
203051 TGTGTAGGCT TGGGAGCTGG ATGGAGTCTG AGGTGGGGTT TTCTCATCCT
203101 CTTCCCCCTT GCTGCAGGTT CCCTCTCTGA ATTTCTCTGG ACAATGCCCT
203151 GCTGTCTTAA ATGTTTACTA ATATTTGCTA AAAAAATGAT TATTTAGTT
203201 TAGCTATATA AGGTGAAAAT GGTTTCCCAT TTTCAGAAGA CTGGTTTACC
203251 ACCTTTTGGC TGGCACACCT GTATAGCTAA CATAAATGTG ATTTAAATTT
203301 TAAATGAATT TGCGGAGCCT GAAAGAGCCT CTTCTTTGAC TACCCTGGAG
203351 AAAAAAGGTT AGCAACACTT TATGTCTTAG ATGATGTTCC TCCTGATGCC
203401 TTAATTAGAA ACTTGTAGAT TTACTTGCAG TCCAGCTATG TGCTCATTTG
203451 CACAGTTGAG TCTAAAGGCT TTACCTAGAG TCACAACTTG ATTGTTGTCC
203501 AACTCACACT GGGCCACTAA CACTGCAAGC TTGACCTATA TGTGAAATCA
203551 TGGAGCTGGT TCCTCATCAA TTTCATGACT GAAAAGTTTG TTTACTTCCT
203601 TTCTTCTTGT TGGCAGTTCT GTTAAGTGTC TTGCTTCAGC TGTGTCTGCA
203651 GCCTCTGGAC AGGTATAGTG GAGCAGTGT GCGGGAAGTC AGGGACCCCA
203701 AACGGAGGGA CCGGCTGAAG CCATGGCAGA AGAACGTGGA TTGTGAAAAT
203751 TTCATGGACA TTTATTAGTT CCCCAAATTA ATACTTTTAT AGTTTCTTAT
203801 GCCTGTCTTT ATTGCAATCT CTAACATAA ATTGTTAAGA TTTTCATGGAC
203851 ACTTATCACT TCCCTAGTCA ATACTCTTGT GATTTCTTAT CCCTGTCTTT
203901 ACTTTAGTCT CTCATCCTG TCAGCTGAGG AGGATGTATA TCGCCTCAGG
203951 ACCCTGTAAT AATTGCATTA ACTGTACAAA TTGTACAGCA TGTGTGTTTG
204001 AGCAGTATGA AATCTGGGCA CCTTGAAAAA AGAACAGGAT AACAGCAATT
204051 GTTCAGGGAA TAAGAGAGAT AACCTTAAAC TCTGACCGCC GGTGAGCCAG
204101 GCGGAACAGA GCCATATTTT TCTTCTTTCA AAAGCAAATG GGAGAAATAT
204151 CGCTGAATTC TTTTCTCAG CATGGGATAT CCCTGAGAAA GAGAATGTGT
204201 ACCTGGAGGT AGGTCTCTAA ACTGGCCCCC CTGGGTGTGG TCGTCTCTTA
204251 TGGTCGAGAC TCCAGAGGTG AGATAGACTC CAGTCTCCCA TAGCGCTCCC
204301 AGGCTTATTA GGAAGAGGAA ATTCCCACCT AATAAATTTT GGTGAGCCG
204351 GTTGATCTCA AAACCTGTG TCCTGATAAG ATGTTATCAA TGACAACGGT
204401 GGCCAAAATC TCATTAGCAA TTTTAATTTT GCCTCGGTCC TGTGGTCTG
204451 TGATCTGCC CCGCTCCAC TTGCTTGTG ATAGTCTATT ACCTGTGTA
204501 GTACTGTATG TCTGTGACCC ACACCTATTC ACACACTCCC TCCCCTTTTG
204551 AAACCTCCTA ATAAAACTT GCCGGTTTTT GCAGCTGTG GGGTATCACG
204601 GGACCTACCG ACCTGTGATG TCTCCCCCGG ATGCCCGGCT TTAAGTTTTC
204651 TCTCTTTTGT ACTCTGTCCC TTTATTTCTC AAGCTGGCCA ACACCTAAGG
204701 AAAATAGAAA AGAACCTACA TGAATATCGG GGCAGGTTCC CCAATAGAGC
204751 AGCGTACTAT TTTGCTCAGT GGGGGACACT GTAGGTCATA GAGTCCATCT
204801 TGGATGGGTA TCAACTTGAA GTTAGTGTCT GCCTGCCTGC CTGTCTCTCA
204851 TATGTTTGTG CGGGGGCCCT ATCTGTATAT ATACTTTTGT CTTATTTGAA
204901 GATTCCAGTT TTTTTCATAG AGAGGCAGTA AAAGATGCCC AAGGATGTTT
204951 TGACTCCCTT TCAACTTATC CTTGTAAGGC ACCATAGAGA AGGTATCTTA
205001 GGTCTTTTGT TTTTTCAGAC TGTGGCATCA TCAGCTTTTC TCCAAAGTGC
205051 TGGCTGCCTC TCACAACATC ACTGCAGTGT GTGTTGTCTT GCTGGCAGAG
205101 TCTTCCATT TCTCTTTGGG GTGGGAATGG AGGCAGGAAG ATATTCTTTT
205151 CTAGCACATT TGGCAAGGGG AGTTCAATTC AAAACTCTAA GGAATTGGTT
205201 TTTCAAATCT GTGCCACCTT TGTCTTTTTT TTAATAAATG GACATTTAAT
205251 ATTTCTCAAG TGCAAACTTC TCATTCTGGC TGCTATTTAT TTTCTTCATT
205301 CTCTAAATTT ATTCTGTCAG CGTTTCTGAA GCTGCCTCTG CTGGTTGCCA
205351 GGCAGTGGCT TTAATCCTTT TGGAGTAAAG ATGAATCTGA CCCCAGGGTA
205401 GGATCAAAAT CTGTACCAGT AGGTCCAGT TCTGGCTTTT TGAGCTAATA
205451 TAGTCAATCT AATTTCCCTT GCATGTGATA GCTATTAATA CTTTTAAGA
205501 CTGTGAACAT GCTTATTTGA GACCGGAAGA GACTGGGTCA CAGAGGAAGA
205551 AGGAGGCAAT TACAGAGTGG GAGTGGGCAG GCTTTGTTGG TTTGGAGACT
205601 TTGGGAGACA TGAATAATAT AAGGATTGG TGGAAAAGAG GGAGGAGACA
205651 GGGTAGAGAC AAGAACCTTT GGTGAGCTG TATTTTTTAG GGTGAGTATT
205701 CTCTGGCAAT AATCTCTCCA GCTTCTTTGG AACGAAAACA TGAATAGTGT
205751 ATTAGATTAA AAATCACAGG ACTCCAGGC TAGCATTAAT TCTCCATTCA
205801 ACCCTGCCTC TTTCTTACCA TGATGGACAA GGCAAGGAGA TGAGGAGACG
205851 AATGCTTTCT CCTCCGCTC TCACTGTTCC TGTGATTTTC AGATTGTACT

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205901 ATTAGCAGAG TTCTGCAGAC ACTATAACAG CGAATACTGA TGATCTTCTA
205951 TAAATGTATG TGGAAATCTA TTTGATGATT CTTGTTTAAC GCCACAGAAA
206001 TTTTGGATAG GATACAAGAA GATTACCCAT GATGTGGCAA ATGAGACCAG
206051 TTGGGATAGC TACAAAGCAG AGACTCTGAC TTCTGTATAC TGCACAGGAA
206101 ATGGATTCTC CTAACCTGTCC TCCTGTCTATG TATGATACCA ATGTAATTAT
206151 AGAAATAGAA GTCAAACATA TTTTAACAAA TGTGGTACTG GAAATCATA
206201 CAGCTCTACT GGCTAATTTT CCTTAATTTT ATGATGTTTT ACAAAATGGC
206251 ATTTATTGCT CCCTGTCTAC GCTGACTCGT TTCTCTACTA AGCTTGCTTT
206301 TTTCTTACCC CAGACACAGA TCTGATCATA ATCTTCCATA TATCCACCCC
206351 AAACAGCTAT TGGTGCCTAG GAAAAATGGT TTAGGCTGAT AAAGAATGAT
206401 TCACGGCAAT GGAAGAAAAG CCAGCCACTG AAGTAACTTA TAAAATGAGT
206451 CCAGTAATTC AGATGTATTT ATAATTTTAT TTGCCCTGTG GGTCTTAGTT
206501 AGACTTGGCT CTGCACAGGG AAAGGAGGGG AAAAAAGAAC AATTTTAGGG
206551 GAAAAAGTGA AAGATGGTAC AAAAATTTGG TGAAAAATTAC ATAGTCCATA
206601 TGCCCGTTTG GCTACATTAA GCTAATGTTT TCAACAAGCT GTTTTTTGTG
206651 GTTCAGCAGA GGAAACTCGG CAGTGTGATT GCAGTCATGG AATCCTACCT
206701 GGCTTTGGTT CCACCATGGC TACATCCTGC CATAAACGGA GACTTCGGGA
206751 AGGTCTAGGA AATATTGTGG TGTTAGTGTC TTTAGTTAAA AGCCAACCAT
206801 TCACGGTTGT GTGGCCCAA GTACCGTTT CACACTAGA GAAGCCACCC
206851 AACCTCTGCC CCTGTTTAGG CTAGTGTGAA CAAATTCATC CTGGCCATGT
206901 TGTCTTCTCA GAACCTCTAT GAGGGTCCAG ATGTGTCCCC CCCCAGAAAC
206951 TAAATCTATA AGGACCTTTG GCTCTTTTAG CTGCTTTATT TTTTGTTTTC
207001 AACCATGTAT GAAAGTGAGT GTGCAAAATA GGCTTTTCAA TAAATTATGC
207051 ATCCTTCAAT AATATATCGT TTCCATTCCA GTTAGCTTTA GGCCCCCAA
207101 CCAGATCATT AGGTCTCTGG AATTGGCTGA GGCAAGCTGG CTTTATATGC
207151 TCTGATGCCT CTTGGCCCAT CCTTTTACC AAGAGAGGAT TAGAATGGAT
207201 TCATTGCAAG GTGTCAGGG AAGTGGTGTA TTTAGTGCTT TGCAGTGCCT
207251 GCCACAGACT TGAGTGTCAA ATTCCCTCCTT TCTCTAAAGA GCATAAAATT
207301 CCCATCAGAC TTGGAGAGCT AAATGCAATT GAAACATTGA GGGGAAGAGT
207351 GTTCCTTGGC ACATTTTCCC CACCCGGAGA TCCTCAACAG TACGTTTCTC
207401 CCCGTGTAGT GACTATTAGG AGTGCAAAAC CTGAATACTT TTTCAAAATT
207451 AGAATGACCA CAATAGTAAA TAGGACAGAA TGGGAGTGGT ATTGAAGTAA
207501 GAATTTGCTT ATAGAATTAA ACCAAATCCA AATTATTCT CACTCGCCTT
207551 CAAAAGATAA TTTTGAGCTT TTGAACATAG CAGATTTGCT GGTCTGCTA
207601 CTGAGTAGTT TGAAAGCAAA TTTCACTCAC CAAAAGGACG TAAGTCTAGA
207651 AGGACCCCTT ACTTCTTTCT GTTGTCTGTT TTAATGGGTG CATTCTGGAA
207701 CCAAATGCGA GTCATCCTGT TTTATCTTTT TCCCTTTGCC CCTAAGTTTC
207751 AGTTGCTTGT CTGAGTGATC AGCTAGATTG TTTGCCTTTT GTAAAGGTGA
207801 GCATATGAAG CAGACATGGT GGAGCCTTGG GGCCCTAGTA GTGCAGAAAT
207851 TTTGGAATGG CAGCAATGTT ACCTCTATAG TGTCAGCTTT GTTCTTTGGA
207901 TTTGCATTGC ATGACCCGTA ATACCAGGTG GAGGAAACCA TGTGAAATTT
207951 CTCTGGGGGC CACTGCTCAG CAGTTGTCAA TCTTTAAGTG CTTAAAAATG
208001 TCTAGCTTCC TTCTTTTCCA GAGGGCATCC TGTGTTTACA CATTTACGCC
208051 GTCAAATCA AGCCTAGTGG ATAGAGGAGT GTAGAACAG GGCAGACAGA
208101 ATCAAATCAG GCCTGGTGTA GAGGTGTACC TTGGGAAATA CCTCCAGTTG
208151 TTTTCAGACA CTGCAAAATA TGTGTAAATG ATAAGTTTTA TCAGATAGCT
208201 TTTTATTTTA ATATTTTGGG AAATGGGATA ACACAACCTT TTCTTGTGAA
208251 TATCTTTTGT TCTTTTAAATA GAATGTGAAA TCATTACACT CTAAGTAGCA
208301 AGACAAGAA ATCATGTAAA CATGTTCTGG AAGATCTGGG CTTTAATTTT
208351 GTTGTGATTA GTGTATTTC A GAGAGTGAAC ATGTTTGGAA GAGTATTGAA
208401 AATACTCTCC TGGGTTGTGC TGGTGTTCAT GGGTTGGACA AGCTCACCTT
208451 TGACAGGCAG GCTTGGATGC TGCTGATGGA GTTACAGAGA GGGCTTTGCA
208501 TGTGAAAAAA TGACATTTTA AGTTGAAATG CCATAATTAA TCATTCCCCC
208551 CTTTGATTCA TGTTATAGAA ACCAAATTAA CATAATTAAA TTATTTTAC
208601 AATCATATAT TAATAGAAAT GAAAAATACT CAAGGTATTG GAGACCCCAA
208651 ATATCCTGAC TTGATCCTTA TTCTATACAT GTCAAAAATA CTTACATGTA
208701 ACCCATAAGC GTGTAAAATA TTGTATCTTA ATAAAAGAAA AAAAAATGTA
208751 TATGTATATT TTAAGAATCA GTAGTGCCTT GAAGGATAAA TATTCTAATA
208801 GGTAGGCAGT GGTAACTGC AAGTGATCTG ATTGGTGGTC TGGATCAGAA
208851 AATTGGAATT TCAAATTAGA GAATATGTTT CTGACTTGAC ATCATAAGCA
208901 TAGATGTCTT TAAAATGCTT TTAATATTCA CAGGCATTG GGGGAAGATG
208951 AGCTAGATTC TTTTTCCTT CATCTAGCTT AGATATTCTT ACATTGTGCTA
209001 TCCTCAGTAC ATCATATCTC AGTAGCTCTT CCCCAGCTT GAGTTGCTCT
209051 GGAAAGGTGC AGACCTCATG AGAGGTGGAG GATGGCAGGG AAATAACCA
209101 GTCATCTCAG GGGTCTGCAG AAGGGTAACA TCTAATTGAG TTCTGAGACC
209151 ACACGTGAAC TCTGCCTCAG GACATTGCAG CCCTTGTCTT GGCCACACAC
209201 TTTATTGCAT TGTAGTGCCC CACACTACCC AACCAGCTCA ACCAGCTTCA
209251 CTCTGCCCTCA CGAGAAAGCT CTTATTTTAC CTGTGCCAAA GTAAAAAAGG
209301 TTGAAGTTTG CCAAGTGGA AGGAAAAGAC AGACAACACA TTAAGTGATT
209351 TTTTAAAAAA AATTTTATA TATTCCTTCT GGAAACTGTT TTTCTGTTT
209401 ACTTGATGAA AGTATACATG TATACTTGT TACATGTTGT AGAAAACTAT

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209451 AACAGAGAAT ACAGGCCAGT ATTCTCTGTA GTCGATTAAA ATCTCTTATT
209501 GGTAGAGTTA TTCAATAGGG AACTCCCAAT TTGACAAGTT AAAACTCCTA
209551 AACAAAAAGG TGTCTTATGT TTTGTAGTCT TGCTCTTTTG AAGGGATTTA
209601 GGAAACCTCT AACTTCTTTT TTTGTTTTTC TTTTCCTAGT GCCTTTGTTA
209651 TTGGGAAGAG GAATTTTAT TTTCTTTTCC AGAGGAAGGG AAATCTCTGG
209701 GCCAGATCAT TGCCCTGGGAC AGGATTCTCT TGCTAAATGC CCTGCACACC
209751 ATCTTCCATC CTACTGCAGC AGACTCACCT TTTAAAAACT CTTCTATTGT
209801 GGCATCAGCT TAGTCTAGAA GTCTGCTGCC CACTATGGTC TCTGCTAGCC
209851 ACATGGGGCT GTTTAAACTC AAATTAATTA ATGTTAAATA AAATCAAGGT
209901 TTTAGTTTCT CAGATGCACT CACCACATTT CAAGTGTTCA GTAGGCACCT
209951 GTGGACAGTC CAGAACATTT CGAGCATCAT AGAAAGTTTT ATTGGACAAC
210001 ATTGATTAGA TCCATAATGG TTTTCAATTT CTTAAGACT TTAATGTGA
210051 ACTCTTTAGC CTGGCTGTGA AACCTGCCCA AATTTTGCCA TCTGTAGATA
210101 TTGAATATAA TTTACCAGAA GGGAGAATGC AGAAGGTAGT CAAGAAAATC
210151 CATGTTGGTA CAGTTCATGT GAGACCCGGG TGGTGGTGA GAGACATTTA
210201 ATTCCCTTCT GAAGAAGGCA TGGCACTTGG ACAGACAGGA GGTAGTCCAG
210251 GTAGCTCTGG GATAATGTGT GAACATGAAG ATTAATTGA GGAGTATAGA
210301 AGATTTTGAT CTGCTGAAG GGTAAAGTGA ATAGAGGACA ACGGGAGAGA
210351 GATGTTGGC CTGTATTCTC TGTATAGTT TTCTATAGG GACTGTCTTC
210401 TCATGGTCTT CAGCCTGTGT TTGAATTCAA ACATTTTCACT CTCCTTTGTC
210451 CTCAAAAAGA GAACATGAAG GAGTGGATTC ACTCATGGCA AAGCAGATGG
210501 GAACAGGGGT GTTAGTGAAT AGTGTGGACT TCAGACTTTA AGGAATGATG
210551 ATGAGAGCTA TGGTCCACA GATTCTGGAA GGAGCACTGT GGTGATCTGG
210601 TGCGAATGAG AGGGGGTGGG GGATATTACA GAGGGTTATG AGGCAAGTAA
210651 TACCTTTTACA GAAAGTCAAA TTTTAATGAT GGAAAGAATG CAGGAATGTA
210701 AGAACTTTAA GATGAACAGA ACATGACTCA TGATAGCTCA GACGACCCAG
210751 AAGATAGAGT GATAAGTAA TAGAGGTGCA GGTGGTTCTT GTGACAAGA
210801 ACTTGGCCTT CAACTCTGTG TCCCTAGCAC CTGTCAAGGC ACTTGATGAT
210851 TAATGGATTC TGTAAACAC TTGTTGCCCTC TGTGGGAAA GCTGGGCTCA
210901 CCAAGCTAGT AGTTGTGGAG TATGGGGGAA AACAGAGTTC TGTGTCTCAG
210951 GCGGTAATTT CAGCAACAAG TGAAGAAGGC AGATAATAGG CTGGGGAGAA
211001 GGGTAGAGGC ACTTAGTGAC AGGCTGGCAG CAGGTGGAGG ATATGGCCGG
211051 GAGTATTGCT GAGTTTATAG GATTAAAAGG CCCCACTGGA GAGCTGCTGA
211101 GTTGATTGAA TTCCCTAGAC CCCAGATGCC AAGGTAATG CCACTGGGGC
211151 AGCTCTAGCT CTTTCAATA GTGCTGCCGTG TGGCCCTGAG AGTGTGCCAG
211201 CAGGTGGGGT TCTTCTGAGG CAGGAGGGCA GGACTGGTGG AGTCAAGCAG
211251 AGGGAGCCAG CTCTGCAACA CAGCTCCTGG GTGGCAGCTT GCCTTCCAGC
211301 ACACGTGTTA TGCAGCAGAG ACCTGGTAAA GCCTTGTTTG GAAAGACAAC
211351 TTTGGCAGCA GATAGCTGG AAAGCCCTAC CTTGGAATTT AGTCTGGGG
211401 TTGAATTGTA GCTGTGCCAC TCACCTGCTC CGTGACCTTG GGCAAGTCAG
211451 TTCACCTCTA AGGCTTCCTC ATAAATGAG GAGAATAATT CTTAATCTCC
211501 CTGTCACTGG AGGCTGCTTT GTGGAGGAAA GCGATGTATG TGAAGCATG
211551 CAGTAAGTGA TAACATGCTA CAAAATGCA AGTTATTAT AAGTTGGGTT
211601 TCAGGGGCAA AGAAAGACAA CTCAGTGAAG ATGTCTTTAC AGTAATCACT
211651 GTGAGTTAAT GACAACATGA ATCAAGAATA TGATAATGGA AAAATTAGGG
211701 AGACAACAGA AATAAAGGCT TCTAGTAAGA ATTTTAAAT TACACTTGGA
211751 AACCAGGTGT GCAATGGGAG GAAGGCAATA GGATGAAGGA GAATGAAGGC
211801 TAGTAAAAGA TAGTAGGATT CTGGGTTTGA ATGGTTGAGA GAATGGTGGC
211851 AACATTAACC TAGAGGCAGA AAGAGGGAAA TACTGGAAT CAAGATGATA
211901 GGCTTTGTTT TGGACTTATT AAATCTCTCTG TACTACTGGA ACATCCTGAT
211951 AAAAAATGTT AACAGGACAT TCTGGTTGTA AGCACAGTGA AAAAAATTGAG
212001 ACTGAGTTTG GAAGCCAGCC ACCAGAAGCA GTGTTTGAGG TTTTGCAACA
212051 GAATGTTATC ACCCAGGCAG CCATGTAGCA TTAGAAGAAG GCCAGGGATA
212101 AACTTTGGGG CAGATAATGC GATTTGACTT CCTTGGGTGT TAGGCTTCC
212151 TCAAGGTAAG CGTAGTTTTC TTACTGCTTG TATGGTGGCC ATGACACTTA
212201 TGAAGTCTAG CACTACATGT TTATGTGTTT ATATTTTCA CATACTTTCA
212251 ATTCTTGAG TTTAGGGATT GTATTAATCT TGTATACCAT AGACACTTGA
212301 ACATAAGCTA AATGTCTACT AGCACACAGT AAAGATTTGA ATATGTTATT
212351 TTGAAATAAT GAATCAGTGC CCTAAAACAA AGGTGGTCAT TGTAAAGAT
212401 GATCTGGAGA GGCCTGGGTG AAGGATACCA CCTGGGCCC ATTCCAGGTT
212451 AGTGACATGA AGAGACCACT TGATATTGTC AGTGTCTTTC TCCTTTGATG
212501 CTCTATAGAT TGAGTTGAGA ACATAGATTG TTGATTGCGG ATTAGGAAAA
212551 ATAGGAGGTC AAGGGGATTA AGACAGCATC AGTTTTCATG AAGTTCAAGG
212601 TAGTTGGAGA GGTGGGTAA GCTGAGGAAT ACCAGTCTAG AGTGATTCAC
212651 AGTAGCTTCT AGAACAAAAC ACTTTTGCAA AACAAGACAG GTGGAATTAA
212701 AGTGGGGGCA GAAATTGAAC AGGAGAGAAA TTTTCATGCTC TACGTTCTTG
212751 AGTGTGACCT GCTAATTGTG TGGCTTTTGT GGGTTGGATC GCATCCTTGA
212801 AAAGATACGT TGAGTTGTTG AGTCCTAAAC CCCCTGCAC AGTATCTTAG
212851 AATGTGACCT GGTTTGGAAA TAGAATCATG GCAGCTTAGT TAAGATGAGT
212901 TCATAAGTTG AGGCTTTCAT GCAATGATTG ATGTTCTTCT GAAAGAAGAG
212951 ATGCACACAT ATAGGGAGAT CACCATGCGA TGATGGAGGC TGAGATGGAA

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213001 GTTAGCTGCA GCTGTGTACT AAGGAATTGG CAGCCAGTCA CCAGAAAGTGG
213051 GGAAGAGACT AGGAAAAGAT CCTTCCTACA GGTTTCAGAG GGAGTGTGGC
213101 TACCTTGAAT TCAGATTTCT AGCCCCAGGA GCTGTGAGAG AGTACTTTTC
213151 TGTGTGTTTA AGCCACCCAG TTTGTGGTAC TTGGTTGTTG CAGCCCTGGG
213201 AAAGTACAC CATGGCTCAA GGAAGCAGA AATGAAGGTC ATGGAGACCA
213251 GGGTGGTAGA ATCATGGATG CAATGCTGAA AATTTGGAGA ACAACATGGA
213301 GAGATAGAGT GAAGAAAACA GAAGGGGAAT GTTCTGGAGT GTTCTGTAGC
213351 CTTCATAGCT AACTGCTCTT GTCGTCCTAA GGCTCCTTGT ACGTCAGTCT
213401 CTTGAAAGC AAAGTGAGAG GCTTTTGCCA TTGCCATCAA GGTGCCCTCT
213451 ACAACCATGT TTGTATTTAT CTCAGCGGCC CAGGCTTGTC AGTTCCTGGC
213501 ATTTGGGTTT AGGTTGTACT TGGTGTGGGC GCTTGGTTTC TTTTAGAGAT
213551 ATTGTAAGAG GGACACTGTA TATTAAATA GCATGGAAGA CTTCAGGTTG
213601 AATTGGGTCA AGGTGCTTCC CACTCCCTGC ACAAAGAAT TCTAATTGCA
213651 GACAACCTAA TCAACAATA CAACTCAGTA TATTTTCTG AAGAGAGGGA
213701 AACAATTGGA ATGGAAGTGA CTAATTCCTT TTGCAAGGTC CTCTAGGAAA
213751 ACTAGAAATT CTAGAATGGC TTTCTGGAGA AAAGTCTTTG AAGGGTTTGG
213801 GGAAGCTGTT AGAAAAAGA AAGCAAAGAA AAATCTGGGT TCAAGGAAAC
213851 AGACTTGACA ATATTGAGGT TGAGGGAGT GTCCAGATAC CCGGCATGCT
213901 TGACTGCTTC AGCTTCTCCC ATGACTCCAG TTGGATATG ATGAAAATGA
213951 ATGTTTTTAA TTTGTTAGCC TGGAGCTTCT CCTGCATTGG AAAGTGATTT
214001 TGGGATTAAT GCTAACGTTT TAGAAGATT TTCCCATATT GAGGTAGAA
214051 TTAATGTTT GCGTACCCCA TAGTGTTTAC TTTAATTTT CCACACTCTT
214101 CAGGAGTTGG CAGGTATATA ATTCTGGATG ATAGCATGTG CTGTGTGTAC
214151 TCTCCAGTCC TGACGCTGCA GGGTTAGGGC ATTGGTGCCT TTTGTTCACT
214201 CCACGCAGGG AAACGTGCAG GCAGGGAGCT GTCCGAGAC GTCTCCAGGC
214251 AGATTACGGG AATGGCTGCT CCCACAATA CAAAAATGG CTCCTGGTGG
214301 AAAAAAGTAA ATAGAGGTAG TCTGAAGTGG TGGACAGGTT TGTTCCTTCC
214351 TTCTTAGATA TGAGTATTTA ATTTTCTCT TTTAGCTCC CTCTCTCTAC
214401 CAAAACAAA CAGACAATC TTTGAAAACA CCTCCAAATG ATTTATGTGC
214451 CAAAGATGTG TGAAGATGAT CATCTTAGAT GTTGTGGGG GTGGGAAACA
214501 ACCCTCAGTG CTTTGTTCCT TCTTATCTG TCCTTGAAA TAGTTGAGAA
214551 CAAACGAAGA GTTGGGACTG ACTGCCTTGG ATGTGGTCTG GTTTGCCCTG
214601 TAACTGACAA GAGTGATGGG TCCCGTCCA GTGACGGCGT TGGACTAGAA
214651 CCCAGGCTGA GAGAGCACTG CGGTCCCTGG CTGATGCACT GAAGAAAAAC
214701 GCGTCAGATA GAAACAAAAT TACTGTGTAT CATTCTCTG GCATAACTAT
214751 AGTGGAAGAA AAGCAAAAT TAAAAAAAC ACACCAAAA CCCTGCGATC
214801 ACCATTCTCT GTAATTCAGA CTCTTTTTTG TAGTAAGAAG TGCCATGCGA
214851 CTTTCATGAA GTTGCTGGTA TCTGTTAGCC GCATCTCATT GCCATGGCCC
214901 ATCTTCTTGA CTTTCCACTC TTATGTGGG TTCCCTGTT AATCGGATCG
214951 TGCCCTCCCC CTCCTCTGCA AACACCTTAT AGTTTTGAGA GATGATAATC
215001 AGGCATAAAA TCCTTCCCTT GAGTCTGAGT CTGGGACTTC AGTCACCTTC
215051 CAGCCTAAGA GGCTGGAGCA GCCTGGCATG CTCCCCGGA GCTGTTTTTC
215101 TTAGTTGGTG CATTGCTTTA ATTGGCCACA GTTCTCCTCA TCTGTCATGA
215151 AGACTCTTAA AGCTCATACG AGAGTAATTT TCTCCACTC CTTTATTGCG
215201 AGTTTTCTCT TGACGGGGCA CACCACTGAC TCTCTGGAAG GCTTCTCTGC
215251 TCGCTTTCTC CAGAAAGCCG TTATTTGCTG AGTTTCTGCA GGCTGGCCGA
215301 TTGAGTTTACA GCCCGAAGAA TGTGAACCT GGTCTCAGC TGCAGGATGT
215351 CTTTCCCCAA AGTTCTTGTA CTGCTAGGCC TACCCTGAGG ATTCACATAT
215401 GTGTATTGGT TTACAACAAC ATTAAGCAT CCCTGAACT CCCCACCCCG
215451 CCTGCCCCAG GTGGGTAGAT TACTTTTAGG ACTATGAAGT AGTGTCTCTA
215501 CAGGGGTTGG AGCTCAGGGT TGGCCTGCAG TATAAGCCAG TTCCTTCTG
215551 GCTGGTTTCA CATACATTTA TGGCCTTCTT TTACACCTAA TAGGCTTGCT
215601 TTGGGTTTTT AGGAAAAAAT TCTTCATGCA ATTAGGGAGA GATTCTGTGG
215651 TCATTTACCA TAAAGGTTG AAAGCTTTAA TAATGTAATA CATAAAACAA
215701 CCCCAGAAAG TAAGCATTA TGGATCTCT AAGTATTGCA TTTGATAAGA
215751 TATACACAGA GAGTGAAAGA TCATAAGCAG AAAAATGACT TGCTGATATT
215801 ACAATTTGAG GTTATTTTAG TAATGGTGA TAGGATGAAA TAGACCAGGA
215851 AACAACTTGG AAGGAGGGGC CTCACGTTAG CACATTGCCC TTAGACATTA
215901 AGCCTGTAGC AGCTGCAACA TCCAAGGTGA GGTGTGGTT GAGACTGTAG
215951 TGAGCGATTT GTATGCAGTT CCTACATCAC CACTGTCCCT GTGGACTGCA
216001 GTTGGTCTCT TTGCTTGTTA GTGTCTAGA CACATAAGTT TCTTAAATG
216051 CGTGATTTTC TAGTAGAGTC TTATAATTCT ACTAGATTTT GTGTGTAGTT
216101 TTAGTGTGTT GGACTAATAC TTCTGTGGT TTCAGTCTAC ACATTGTGAT
216151 TTTATTCTTG TCATTAGAGT TCTGAAATGA TGGTTGGCAC GAATGAATTC
216201 TCATCTCAAC TGAAGTGCCA GGATGCCCTT GCTTTCCTT AACCAGTAGG
216251 GAGAGGTAGG AGCCGTGCGG AATTACAAAT GGTGGCTTCT GTGAAAGCCT
216301 GTTCAAGTGT TGTTCAGAGT TTCAACAACA ACAAGAAAT GCTATCCAAG
216351 CCATCATTTT CTTTTTTTTT TTTTATTAT GAGTCTCTAG TCATTCTTGA
216401 TTTGTGGCA AATTGATGGT CAAGAAGGCC AAGTTTAGCC TACAGTGGTG
216451 TCTTGTGGG ACTGCACTGT GAATATCGTT AGGTGGGGGC AGGCACTTTC
216501 CAGTTGGCCA CAGTCTCAC TACTCCTAAT GTCTGGCAT ATCTTTTTTA

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216551 CCTGCCTGGT GCCCTTGGGT CATTATTTG CATGGTACAC AAACACAAAG
216601 TACATTTTCA TATTTCTTCC TTAAAGAGAA TCAAATAGTA AAGGAGATT
216651 CTATTTGATT TCTATTTTTC TTTGTTTCTC CAACTGTCTT AAGACTGTGA
216701 TATAAAATGA ACAATGAGAT GCTTAAAGG TTTGAGAGGA AACAAAATTT
216751 CTAACGAATA AGATATAATA AAAAGGCTTC CGCCCAGGAT AACATTATTA
216801 ACCAGCCAGT TAGCCCTTGA GTGTGTGACG TTGATCTTAT TGA CTGCGCT
216851 TAGCAGAGTG GCAAGTTTGT ATGTTTCAGG TTTACTGTGT GAACAGTCCT
216901 AGTAGTGAAT GATTCTGGTT TAACCTTTTT CAGTCTTACT GGAAATATTT
216951 TTGCTCCTGC GTTTCCTTTA TTCTCAAAT GTTGCTAAAT TAACTCAGGC
217001 CTTGGAAGAG CCTGAATAGT CATCTCCATT TCACATACTT CTCTTATTTT
217051 TTCAATTGGA AGTGTGTATC TCAAGACAAG CTGAAGGCTG AGCCTGGTTG
217101 CATTGATCTG ATTGATTCTG CCGTGTGCTC TGCTCGGCCT CCATGGAAG
217151 ACCATATCGA GTTCGTCCAC TGTGTGAAT GAAAATAATC AGTTGGTGAA
217201 AGCACAAAAT TAGAAACCTC TTGGTATATT TATTTCTGTG TCTCAAGAAT
217251 TCTGATTAA AGCAGACTTT ATTCCAAGTA ATGTGAACAG TAGGTCGTTT
217301 AGGAGTCTCG GATGAATCAA TGTTTTCTTC CCTCCTCTCC AAGAAAATCT
217351 ATTTAAAGCA AAGGTCAAAT CTGTGCTGGA TTTAGAACCT ATTTAAATGTA
217401 AGTCTGGAAG ACAGAGCCAC TTCTCTTTTT TTTGTTCTTC ACATAGTTTC
217451 AAGCACTGGG GACACTCTGG TCTCTGCAA ATCATCATT CCCACGTAT
217501 CCTGGTGTTC GTAACCTTCC TTTTGTTCCT GAGGATGGAG TGTAACCTGT
217551 AGTGTATATA CTGAGTGAAT TTGAGCTCTT TTGAGTCTTG GGCTTATTAC
217601 ATTTAGAAAT AATTTAAACC TTGAAAGTTG TCTTGGAGGA GTTTATTAGG
217651 CTTTGAATTA TACCTGAGAA GAATGTATTA ATGTATAGAT TAATCAACTC
217701 ATTTAAATAA CCTGCTTACA AATTGACTCC TCCTGCTTGT GGTTCCTCCC
217751 CAACCCCTCC TATCTGTGCG CCCTCTGGCC TCCTCCATCT CTATGAAGGC
217801 TGATAAGCCA TAGTTGGATG TGACAGCCTT AGACACAGCC CCTGCCCAGG
217851 CCTCACACTC AGTTACTGAG CCCAGTCCCT TTTGCTTCTG TAAAGGCTTC
217901 AGTCCTGCTG CTCCCTCCGT CCAGGCCGAT TAGATATATG GGTGTTGGCA
217951 TAGTCTCTGA ACTGGACTCC CTGTTTCCCA TCTTTACCTT TTTTATGTCA
218001 TTCTTCCATT CGGTAAGAGT TTGAATATAC TTTGCAAGCC AGGCTGTGCC
218051 CTCGGCCCTG AATATACAAT TGTGAAAGAG TCAGCCAGGA AATCCTGGCC
218101 CCTGCAGCTG ATTCTCTAGT GGGGAGGGTG GACAGTGAGC AAAATGTGTC
218151 AGTAAAGAT GTAGAAGACG GACATGGTAC ATGCCCAAG GGAAATAAAG
218201 GAGGAAAGGG AAATAAGGAG TTTGCATGGG GAAGTGTAAT TTTAAATGGG
218251 GGCATTTCAG AGGCCCTCCC TAAGAAGCCA CATTGAGGTG GGGTGAGCTG
218301 CATGGAAATC TGGGAGAATG GATGCAAGGG AGCAGCAGGT CAGCCTATTA
218351 GAAGAAAAGC AGAAAGCTAG TTGGGGCTCT GGCACCAGAG GAGGTCAGAG
218401 GGGTGTGGG CCTCGCTGGC CATCAGAAAG CACTTGGTTC TTATTCAGAT
218451 GGAGACCAGA AGCTTTGGAG GACTTTGAAT GTAGTGACAG GACCTGCCTT
218501 CCATGGTAAC AGGGTTTCTC TGCTGGGTGG AGGCCCAGGG ACAGTTCAGG
218551 AGGCTGCTCT GATGGTCCAG GTGAGGGAGG GTGACCCTAG CAGTGGCCAG
218601 GTGAGATATG GTCAGGGTCT AGATGCATTT CAGAGGCACA GGTGGCATTG
218651 TTTGCTGATT GATTGAATAT ATGGGGTATG ACAGAAAGGA AGAAGAATGA
218701 TTCTGATATC CTTGGTGTGA GTACCTGGAA GCATGGAGCT GTCCTGGACT
218751 GAAAGAGACA GAAGTGATCA CTGTGTGTGT TCTCTGGGTG GTGTTCCATA
218801 ACTATTCCAT GCAGGGCCAT GCAGGCTTGG GAGGGAGGGA ACCAGGAAC
218851 CAGTTTGGGG CATGCTATAT TTGGGATGCC TGATTGGACT ACTGTTGGG
218901 ATGAGTTTTG TCCTGTTGGA AATCAGAGAG AATAGGGCTC ACAAGGAGCG
218951 GATGCGTCAC GGGCCTGAGG GGCAGGAACA TGATGCAGTG CTCCAAGGAG
219001 ACCTCTGTCT CCAAACCAGA AACTTATAGC TGCCCTGGTG ATCTTTATTC
219051 TGACTTTTAA TGGGGAGGTG GGTCCAGAGG AAAAAACAA GCTGTACATG
219101 CTCAGTGACA GTGACACTCA GTATCCAGT ATCAGGGAGG CAGTAGACAC
219151 TGGGAAGCAC CTGGCCAAGA GCACGTGTGT TTATTTCTCA GGGGTAACAA
219201 GTTCACTGGG AACATGGGCT CAGAACTCCC TGACACTGTA ATGTTTCAAG
219251 AGAAGCTAGA TAACAGAGTT TTCTTGTGGA ATCTCTTGGC TTTTAAATTT
219301 TGGCTTAAAA ATATTTCTTT TAATGGGATG AACAGTTAAC CTCTTGTCAA
219351 CCTACTGGTT GTATTTCTCT GCCACTCAAA TTCGCCATCA GGACCTTTTG
219401 TGCCTGAAG TACAACTGG TCTACTTCCA CCCTCAGGTA AGTCTCAGTC
219451 TTCTTGACTG CGGCTCTGAA TGCCCAGGAT TCTGATGGAA TCCTGCTTCC
219501 TAAACCCCTG TTGGTTTTCA TCCACGGCTC TTAACAGCTC ATGACACCGC
219551 GTTCTGTTTT TATTTGTGTA GTGTCTGTCC CCTCACTAAT GTGTAAGCCC
219601 ATTGAGAGCT GGGCCTTTGG AGTTTTGTGC ACAGCTGTGT TCCTATAGTC
219651 GATGTTTCTA GACTGCTTAC TGACTGTATG AATGGCCAC CAAGCTAACA
219701 TCTCAAATAC TTTCCAAAAT GTCATCAGAA GGCCCTTGTC ACGGCCCCAA
219751 AGAAGAAGGG AGTCGTGGAG CAGAGGAGAG CACATGGCCC ACAGCGGCCA
219801 TGAGCAGAGT GCTCTGGCCG GGGTCAGGAG TTCAGGAGGC AGCAGATAGT
219851 CCCCAAACAA GGGGTGGCAA GCATTCTTC AGCACCTGCT GTTTGCTAGG
219901 TGATTGGTTT GTTTGCTTTT TTCACCCAGT GGGAGCAGTA AGGAAATGAC
219951 CCAGGTGATC TCTTTTCCCA TTCTTCAGCC AACATTGATT GAAAGGTTAT
220001 ATGATCCACA AAGAGCAAGT GACAGCTGCC GGATGTTTAT TTGAAATTTA
220051 CAGACACTAA TGGGGGCATA GTGGTGAAG TGACTCTCAT CAGGCTGTCC

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220101 AGGCACAGCA GTGTCCCTAG AGAGCAGCTC TCAGTGTTC AGGGCCTAGA
220151 GAAGCTTCCT GATCCCCAC CATCCCAGCA GGCCTTCCCA CTGCCATCGA
220201 GGGGAGCAGT AGGCAGCTCT TAAACGAAAG AGCCAGCTCT CTCTCCATGG
220251 CGTTGATATT CAGTGACTTC TGATCTGCGG TCACCTGGTC CCCACCCCTC
220301 CCCAGTTCCCT TACTTGTTGC TTTCTTAGAG ATTGGCTCCT TTTTCTGTGT
220351 GCCACATGCC TATTACTTAT TCCCATTTC TCTCTGGTCC TCTCACCATT
220401 CACCGAGCAC TGTATTCTT TTTTAGTAAA TACACTTCCT GGTTTTGTCT
220451 GTTATCACAG GCAGAGGTGA TACCACAGGC AGAGGTTAGG CTCCCAGCAT
220501 TCTAAGCCTC CTTAACTGGC TGGGTCCTTG TTCCAGTCCA TCTTCCATAC
220551 TGTGGTGGGT GATCTACAAA TAAAAATTCA AGTATGCTAT TTCTATCCAT
220601 ACAAACCTTC ACAAGCTCCC TGTAGACTCT GGGATGAAGT CCAAGTGCTT
220651 CCTCCCAGCC TGCCAGAGTC CCCACCCTCC AGCACCTTCC TGACACGAGA
220701 CTGTGGCTCA CCATACTTTA CAGGCCTGGG ATACTCACTG CCCCACAGC
220751 CAGACATGCG GTGATACTTT GGCTGTTTTT GTGCTGTGT GTGGCTGTTT
220801 TGTGCTGTTG TGTGCTGTT TCATTCTGAA ACTCTTGGGC CTCTAGGATC
220851 CTGTGCACAT TATAGGCCTT TCCTGCCTAA GAGTTAATTA CAGGATTTTG
220901 TTTCTTGCTC TGTAATTCAG TGTTAACATC TGTCTCCATG ACCTTCCCTC
220951 CTTGCCAGTC TGTGTAAAT AAAGAATGGT GAGGAGAGCC CCAACCTGCC
221001 CCAAAGCCCA CCCTACGCA CCTAGTTCG TTACGGGTTT TACACAGCCG
221051 GAAGCCTTTC GGCCAGGTGT GTGTGTCAGG GAGAAGATAA GACTTCTTCC
221101 TCACTGTATC TGCACTGCTG AGGCCACCGT GGAAATGAGA TGTTTTCTAC
221151 ATTTTTTGCT TATTTTTTTC ACTTACTGAT TTTTAAAGTT TATGTATAAT
221201 AGAGTGCGCC TTTGCCATTA CCAACTGGAG ACTCTCATGT AGAAAGTATT
221251 TCCAATTTTA AATGTGGTAA CGGTGTCCTA TGTGAGCATG AGATATTTTC
221301 CTGATATAGC AGAGGATTTG TAGACAGCTG TTCTTTTCTC TCATATAACT
221351 CTGTCTGTAC TCCCCAGCGC CTGCTGATTC AGGGAGCCCT AAGAAGGTCC
221401 TGCTGGCAGT GCTTCAAGA ACCACGCCCT GTGGGCTAAC CTGCAGCCTG
221451 GGAGCCTGTG GGGGACAGCC CAGCTTCGGC CCTTTCTGTC TGGTGCTTTT
221501 GCTTCAGCAG GTTCCAAATG TGAGCCTGTG CTCCCATTTC CGTCTATGG
221551 CTATGATCTT CACTGCCAGT TTGCACAGCC TGCAGCTGCC ACACATGCAT
221601 TTAGAATATT TTTAAATGAT CTTCCTTAC TATTTCTCTT TCAGAAATTT
221651 GTCAGTGTTC TCATTGCTG TTTGCACAAG ACTAAATACA GCCTGGGCAC
221701 ATTATAATTT TTGCTAAGAG TCAAAGGAC TTTAGAGACA GTAAGTGTGG
221751 TGGCTGTGTC TTCAAATAT TGAAGTTTTC AGTTTAAATC TCCAAGTAGT
221801 CAGGTAAGTT AAATAATTAA GTTGAGATTA CCATGTTTAT TTTCTTATC
221851 AGCATCTGTG AGGTTTGCTT TAAAAGTTT AGCACGTGTT TTAAGAACT
221901 GGTTTTGTCT TAAAGCAGAT AAGTAGTTCA AAAATGTAA TGACTATACC
221951 GCTTATGTGC TGCCTATGCT GACAGAACAT ATATTAACAT TTGTCGCTGT
222001 AAGCCAAATA AAGATCTTAA TGAGATTAAT AACCTTTAT CTTCCTTTGG
222051 TAAATTTTAC CTGATATACT TAATGACATA GTTCATTAAA AACGCTCTTT
222101 GTAAACTTAA GTTGCTAGA AAATAATTTA TCTGGTAGTT TCATTTTCA
222151 TTTGTAATG TAATCTCCAT TGTGCTCAGT TTGGGCCCTT TATAATTTTT
222201 CCAATTTTAC AGGGGACTTT AGAAATAGTA AGCAGAATAG CTATATCAT
222251 ATTTGTTAAA GTTGAAAATG TTAATCCCCA AAGGTCGGGC AATTAAGCTA
222301 AGGTTATTAT GTTCATAGTA AAATATTCC TAGTTGGAGT GATGATATTA
222351 AATGTGGCAT TGATTCATTG TGTCCCTCAA GTACACAGTG ACTTCTAGAG
222401 ATCCACTCTG GGCAAAATGGT GTGACAAGCA ACTGTTCCGT GGGATTATGG
222451 AGGTCATTTT ATACATAGCT GAGTGGTGGC TTGCAAAATG TGATTTCACA
222501 TTCTTCTTGT AGGAAGATCA CACTTTGAAA TAATTTTCTT TTAGGAAAAA
222551 AAAACATCTA TTTTGAGGAG AATTCCATGT TTTAAAAAAT TACAAAAAGA
222601 ATCCACAGTC AAGTAGTAAA TGCTTCTTAA AACATATACA TTATTTTGA
222651 GAGATTTAAC AGTATTCAAG AATCTGTTTG TTTAGCAAAT AAAAGGATTC
222701 CTGGTACTAA AATAAAAATC TAGTTTGGGG GAAAAATAAA TTAAGCATAT
222751 TAGGGTTGCT ATTTAATATC TTTTGAGAAA TGAAAAACAGT AAATATTTTC
222801 AGAGTTTTTA TTTTTTTAAC CTCGATTTGA GCCCTGTCAC AACTGTTAGT
222851 CAAATTTTCT TTCAGTAAAT AGTAGTAATT AATAGTGTTT AGACTTTCTG
222901 GGCTACTGGA GCCTGAGTGC ATAAATAGTG CTCTTTCTTA CAAATGATAC
222951 TTGATCATTA ACAGCATGGC CAGTTTTATC TTATGCATCT CACTTCCTAA
223001 ATCTGTCTC TAACACTGCA TGGGATGCTT TTTCAGGAAA ACGTGGGTTT
223051 TTAAGAAATT TGTGACTTTT TTTTTTTTGA AAGGAAGAAA CTAATAATTAG
223101 AGTATCTCAG CTACCCTGCA AGAGAGCTTC TTAGACAAGG CAAGCCCATG
223151 CACACACAGT GTGTCCCTGG TATCTTTGAA TGATCCCACG GTGTATGTCT
223201 TGAAATCTCA GCAACAGAA ATTCAGTTCA TTCAATTAAG ATTAGAAGGT
223251 CTCAACACA CCATTGGTTA TTTGGGAAAT GCAAAATTAAT ACTACTAAAT
223301 CTAATACTAC GCACCCACTG GAAGGCTAAA ATTAAGGAGA CTGAGCATGC
223351 AGGTGTTTGT GAGCATGAAG AATAGTGGCA GAGCTCACCT GTGAGCTCAC
223401 CTGGGAACCC AGCATGACTC AGGCACCTTG GAAAACAGTC TTACAGTTTC
223451 TGAAGGTTA AACATGCACT TGCTCTGTTT GTGCCTGTAT GTGTGGTATG
223501 ACTGGGTAA TCCAATCTTA GATTCTTACC TAAGAGTAAT ATAAACGTAA
223551 GTCTACACAG AGACCAGTCA CACAGATTCA TAGAAGAATT ATTCATAATA
223601 TCCTCAAAGT GGAACAATC CAAATGTCCA ATAATAGGTG AACACCTAAA

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223651 CAAATTGTGC TGTGTTTATA CATTGGAATA CTGCTTGGCA ACAGAAATAA
223701 TAAAGTATTG ACATGTGCAT TAATATTAGA TGAATCTGAA AGCATCAGGC
223751 TAGGTGAATA GGCCAAACAG AAGAGACTGC AAACATATGAT TCTGTTTATA
223801 TAACATTCTA GAAGAGGCCA AACTGTAGTA AAAAGAGGTA GATGAAAGGT
223851 CAGCAGGGCC TGGAGTGAGG GAAGGGACTT GTCTGCAGCA TGGAGGAGG
223901 GAACTTTGGG GATGATGAAA GTGTTCTGTA TCTTGATTGT GGCCGGGGTT
223951 ACCTGACTCT ATACCTTTGG CAAAACCTGC TGCTGAATCC TACGCTTAAA
224001 ATGGGTCAGC TTTATTGTAT GTCAGTTAAT AAAGCTGATT AACAAAAGAG
224051 TATTTCTGTA GAGGCTTACA TGCTAGTGTG AATGTGTGAA TTCAATAAAT
224101 TGGGTTGGCT TATTTCTGAGA AGGATAAAAG TTTTTTGT TTCTGTTTTT
224151 GGAAATAGAA ACATTTTGTG GGAGGTAGGG ATGGCCAGTG TAGAGAAATA
224201 TGTCATGGGG TAAGTGGGAA AAGATAACCT GAGGGTACCA GACTGGCACC
224251 TGGGTGCTTG CAGGTGAGAA GCCAAACATC TCTTGAAAAT GTTTGCTTAA
224301 TGCCTGTGAG ATATCATCCT GTCTTCCTTT GAATTATTAG TATTATAGGT
224351 AGTCCTTGAA ATGTTTATACA TTTAACAGAA ATTTCTCTTA TCTACTTATG
224401 GACTTTAAAT TTAGGGATAT TCCTAGATTG GAAGAAGGCA ATATTCAGAG
224451 CAAAAAGGTA CAAGCTTTAC TTGCCACCAG CAGCTGCCAG AGTGGAGGCC
224501 TTATGTAATT ACTTCGGCTT CAGCCTTGGC AGCTTTTGT TTAGCCAAAGT
224551 GGATTTGAGG TATTTGTGCT TTGAATTTTA CCGTTTACAC TCATTAAGTT
224601 CTATAAATAC AAAAGCATGG AGAGCATTAG TGCTGTCAAG AAAGAGGTGT
224651 GATTATGTTG GAAATGAACA TGATAGTAAA AAGAATATGA AAGTGGCAGG
224701 GAAATGGTGA CTGCAGCTGC ACTGGGTGTG AGAGGCTGGG CAGGGAACGA
224751 TCTGAAGAAT GGGGGAGGGG GATGGTGAGA AAAGACACAG CTGATGGTCG
224801 ACAGGGGACA GGAGAAAGAG ATTACCGGAG GGGAAGAAAA AGCATTGAAT
224851 GTGTGGGATA AAGAAAGAGC ATTATCATTA GCTACTCACT AGCCCAATTA
224901 ATGCAGGAGA AGGGAGTCTG CTCTGGAAC CGAAGGCTAA GCATGGTGTG
224951 GTTGAAGTGC TGCTAGTGAA ACCTGAACCA TCTGCTTTGG GCATGGTCAG
225001 CTCTGAGCCC ACTGGAATTT GCAGGACATC AAAGTGAGGG CTGCAGCAGC
225051 TGCTGCTCCA TGGCATCTAG GAAATCCCTC GTGGCCCTGC CGAGCTGACG
225101 GAGGAAGAGG GCTCCTACCC GTGCAGATTT CAGTGGTGCT GGAACCATTC
225151 ATTTTGTGAG AGAGACTCTT GCCATCTGCA AATCGGTAGA AATGCATCCA
225201 GGTTCAGTAA GTTTTCTATC CTCTGGCTT GTTTATTAAC TCCAAAGTGA
225251 TTAACAGTGG AACCACCTTT TGAATCCTGG GTCATCTAG GTTGAGCAGG
225301 GCTGCACCTT CACCGTCTTT CAGGGTTTAC CAGATGAAAC TCTGAGGATG
225351 CTCTATGAGT CAGCAGATAC ACAACATCTC CTGAGATTAT AAGGTGGTAC
225401 TGCTGTGGT GATTACTTAA TTTTAATTTA TAAACTGGGA ATGCAAAGGC
225451 CATGCTGACC TTGCTAAGAA ATGTGAAGTT CACAGGAGAA CAAAACCTGGG
225501 GAAAAAGGTA GGGGACAGTC GTCAGTAGCA GTCACCTCACT TTCGACATTA
225551 AATTATGCGT GTGTTTAATT GTGAAGGAAA ATACAATTGT AGAACATGCA
225601 CCAAAAGCTA GAAATATACA GTTTAATGTT AACACCTAAA AGCAAAATAC
225651 TAATTAAAGA TTTTGGGAATA TTTTATATCT TTCTGGGTAT GAAACCTCCA
225701 GCCCTGACTT TTTATGCCCC TTATAACAGC TAAGTCCATT GTAACCTTCA
225751 GTAATTGGCT TTTTATTAAT ATAAGAGACT GTAGTATAAA TTTTAGCAAC
225801 TGGACTAAAT AGGCATTAAC TGGCCCTGGG ATCCAACCAT AATTTGTAAC
225851 ATCGTTCTCT TGGGAAAATG GATTCTAAGT GCCCAATAAC TACCTTACAA
225901 ATAGACTCTT GAATCATAGT CCATTTGAGA ATAAGGAACT GTTTGTGATA
225951 GTAAATGCTT CAATTGGCTC GCTTGAGAAC TGCAAGAGAG GGACCTATGT
226001 TCCACCACAT GTGTGTGGTG AACCAGCTC GTCTGGGTTT GATCAAAGAT
226051 TATTGCTGAG TGGGCATGGA AAGTGCAGGA ATTAAACTCA AAGTAGAGGC
226101 TGGAGACAGC TCAAGGGTGG CGTTAGAAGG ATGGACCTGG AGGGCTCTTA
226151 GTGGTAGGAA GAGGATTTCA ATCCAGAGG CAAAGGAGTG TATCTGAGCA
226201 GATGAAGGGC AGGGAGAAGA GAATGGAAGA GTAAGCAGGA TTGAGATTGA
226251 GAACCAGCCA TTTTCAAGCA AAATGTAAC CAAAGGTAC CAGTAAGGCT
226301 GAATAGCCCA CCAAGAGGTC AGAGAGAGAC ATCCCTCAGA TCTCTCTGCT
226351 CTCTCTCTCT CTCTCTGTTT TATTTATTTT TATTTTATTT ATTTATTTTG
226401 TCTGTCACCC AGGTTGGAGT GCAGTGGCAC GATCTTGGCT CACTGCAACC
226451 TCTGCCTCCC AGGTTCAAGT GATTCTCCCA CCTCAGCCTC CCAAGTAGTT
226501 GGAAATACAA GGGTGTGCCA CCACACTTTT CTAATTTTGT GGTTTTTTGT
226551 GTTGTGCTCT GGAGATGGAG TCTTGCTCTG TTGCCCATTT GGAATGCAGT
226601 GGCACGATCT TGACTCACTG CAACCTCTAC CTCTGGGTT CAAGTAATTC
226651 TCCTGCCTCA GCCTCCCAAG TGGCTGGGAT TACAGGCGTG CACCACCACG
226701 CACATCTAAT TTTTGTGTAT TTTTGTATT TTTAGTAGAG ACTGGGTTTT
226751 ACCACATTGG CCAAGCTAGT CCTCTCCTC CTCTGCCAA GGAAGAAGAA
226801 CCATGTATTG GCATCCAGTC TATCCTCATG TGTGCTGCAG AAATAACCTT
226851 AACTGGAGAA AGCTGCCTTC CTAAGATGAG CACCTATGTC TCCATTATG
226901 CTGTGCCCTC TTACAAAAAG CCACAGGCAA TGGGCTCCAC ATTTAGAGAG
226951 TTTTATTCTT CACTCTTTTC CCTCTTGGG TCCACGCATA AGTCCAGTGG
227001 GGAGGCCCAT GGGACTTGGC ACTGAGCTAG ACTGGGCTC TACTGTAGCA
227051 CCTGGATGCT CTCCCTGGGC CAAATCTGTG TACCTTGTCT CATCTCTTGT
227101 GTGACGTGCT TCTCAAGAGG TTTTCTGTCT CTTCAATACAC TGACCCCGCG
227151 CAGGCACCCC TCTAGAATTT CCCAGACTTA CCTGAATTTT CTGGTGAACA

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227201 CACCCAGGCT GCCAAGCTGG CATTTCCCCA GGTCAGGGTA ATTTTTTTCT
227251 CTCTACCCAA ATTTCTAAAG GCAGGCTGTT GTTTTAGATA AGGAAGGCAT
227301 AGATGTTTTT AGGATGCTTG TTTGAGATTC AGAATTACAA AGCTAATTGA
227351 CAATAAAAAG TATAAAGTTT ATTTATTTTA GAGACAGGCT GTTGCTGGAC
227401 TGCAGTGGCA TGATTATAGC TACTAAAGC CTCCAATTCC TGGGTTC AAG
227451 CGATCTTTGC ACCTCACCCCT TCTGAGTAGC TGGGACTACA GGCATGCACC
227501 ATCATGCCCTG GCCAATTATG TGCCTATATG TCCCTTTTTT TCTAGGGACA
227551 GAGTCTCACT CTGTTGTTTA GGCTGGTCTT GAACTCCTGG CCTCAGGTGA
227601 TCCTCCCTCT TTGGCAAAAG TGCTGGGATT ACAGGCATGA GCCACCATGA
227651 CTGGCTTCTT TGTTTTTAAT AAAAGTCCAT TTAACTTTTA TGCATAGAAC
227701 ATTATCTAT TAATGTTTCG TCTATTGCAG GCATACCTCA GAGATATTGC
227751 AGATTTGGGA CCAGTCCATA GCAATAAAGC AAATACTGTA ATAAAGCAAG
227801 TCACACTATC TTTTTTTTTT TTTTGGTTT CCAGTGCATA TAAAGGTAT
227851 GTTTACACGG TACTGTACTC TATTAAGTGT GCAACAGCAT CACATCTTTA
227901 AAAAAGCCCA TGTGTGTGCC TTAATTTAAA AATACTTTTT ACTAAAATAC
227951 ACTAACAATC GCCTAAGCCT TCAGCAAGTC ATAATCTTTT TGTGGTGGGA
228001 GGGTCTTGCC ATGACATTCA TGCTGCTGG CTGATCAAGG TGGTGGTTCG
228051 TGAAGGTTGG GGTGGTTTTG GCAATTTCTC AAAATAAGAC AACAAATAAG
228101 TTTGCTGACT CTGTGACTC TACTTTTCAC AAAAGATTTA TCCATGGCAT
228151 GTGATGCTGT TTGATAGCAT TTACCCACAG TAGAACTTCC TTCAAAATTG
228201 GAATCAATTA TCCCAAACAC TGCTGCTGCT TTATCAACTA AGTTTATGTC
228251 ATGTTCTAAA TCCTTTGTTG TCATTTCAAG AATGTTTCAC GCGTGTTCAC
228301 CAGGTGTAGA TGTCACTCA AGAAACCACT TTCCTTGCCC ATCCATAAGA
228351 AGCAACTCCT CGTTTATTCA AGTTTGATCA TGAGATTGCA GCACATTGTC
228401 GCATCTTCAG GCTTCACTTC TAATTTCTAG TCTCCCGTTG CTTCTACCAC
228451 ATCTTCAGTT ACTTCTCCCA CTGAAGTCTC AAACTTTTCA AAGTTATGCA
228501 TGGGGTTGAA ATCAACTTCT TCCAAACTCC TCTTCATGTT GATCTTTTGA
228551 CCTCCTCCCA TGAATCATAG GTGTTCTTAG TGACATCTAA AATGGTGAAT
228601 CCTTGCTGAA GGTTTTCAAT TTACTTTGCC CAGACCCATC AGAGGAATTG
228651 CTGTCTATGG TAGTATGAAA TCTATTTCTT AAATAATAAG ACTTAAACTC
228701 TAAATGACTC CTGTATCCAT GGGCTGCAGA ATGGATATTA GATAAACATG
228751 CATGAAAACA ACATTCATT CACAACGATG TCTCTATCAG AGCTTTGGGT
228801 GGCCAGTGC ATTGTTAGTG AGCAGTAATA TTTTGAAAGG AGTCTTTTGT
228851 TCTGAGCAGT AGGTCTTAAC AGTGGGCTTA ATGTTCCGTA AACCATCTA
228901 TAAACAGATG TGGTGTAGC CAGGCTTTGT TTTTCCATTT CTAAGAATTG
228951 ATTTAGCATA AATTTTCAGA ACGGTAATG AGCATTGGCT TCAACTTCAA
229001 GTCAACCACT TCATTAGCCT CTAACAAGAG TCAGCCTATC CTTTGACACT
229051 TTAAGGCTTG GGATTGACTT CTCCTCTCTA GCTATGAAAA TCCTAGATGG
229101 CATCTTCTTT TATAGACGG CTGTTTCATC TACATTGAAA ATCTGTTATT
229151 CAGTGAAGCC ACCTTCATCA ATTATCTTAG CTAGACCTTC TGGCGAACTT
229201 GCTGACGCTT CCTCGTCAGC GCTTACTGCC TCACCTGGCA CTTTTATGTT
229251 ATGGAGACAG CTCCTTTTTT AAACCTCATA AACCAATATC TGCTAAGGCT
229301 CAGACTTAAC AGAGCTCCCT CACCTCTCTC AGCCTTCACA GAATTGAAAA
229351 GAGTTAGGGT CTGCTCTGG ATTAGGCTTT GATTTAAGGG AATGTTGTGG
229401 TTCCAGACCA CTTTCTCCAT ACCAGCAATA AGGCAGTTT GCTTTCTTAT
229451 CATTTGTGTG TTTACTGGAG TAGCTCTTTT AATTTCTTTC AAGAACTTTT
229501 CCTATGCATT CACGACTTGG CTAAGTGGTG CAAGAGGCTT AGCTTTTGGC
229551 CTATCTTCTT TTGACATGGT GCACCATGCT TTTGACATGG TGTACCAAAA
229601 CAATTTCAAT AGTAACATCA AAGGTCACCT ATGACAGATT ACCATAACAG
229651 ATATAATCAT GAGAAAGAAG TTTAAAATAT TGCAAGAATT ACCAAAATGT
229701 GACACAGAGG CACGAAGTGA GCCGCTGCTG TTGGATAAAT GGTGCTGATC
229751 GACTTGCTTG ACTCAGGGTT GCTAGAAATC TTCAATTTGT AAGAAATGCA
229801 ATTGTCTTTG AAGCACAAATA AAGTGAAGCA CAATAAAATG AGGTGTGCCT
229851 GTATTACATT AACAAAGAAG GCATTGCTAA TGATGGCATG TATTCAGTGC
229901 CTGAAGTAGA AGAGATGTGT ATTTTCCTTG ATAGGGAAAA TTCTTTTGT
229951 GTTGTGTTG TTGTTGTTGT TTTTGAGACG GAGCCTCACT CTGTCATCCA
230001 AGCTGGAATG CAGTGGTGCA ATCTCGGCTC ACTGCAACCT CCACCTCCCA
230051 GGTTCAAATT ATTCTCCTGC CTCAGACTCC TGAGTAGCTG GGATTACAGG
230101 TGCGTGCCAC CACAGCCCGA CTAATTTTGT TATTTTGTAG ACAGATGGGT
230151 TTTCTGTCATG TTGGCCAGGC TAGTCTTGAA TTCTTGACCT CAAGTGATCC
230201 ACCTGCCCTG GCTTCCAGA GTGCTGGGAT TATAGGCGTG AGCCACTGCA
230251 CCTGGCCCGA ATAGGGGAAA TTCTTGATGA ATAAATAGTA AGAGGAAGAA
230301 GAATGGGTTT TACTGAGTGT TTGCTGTATG CCAAGCCCGG TGCTAAATAA
230351 TTTACGTTGA TTAGTTTATT GTTTCATAAG AAAAGTGCTA TGAAGTTTTT
230401 AGCTCCTTTT TACACATAAG AAAATGGCAA TTTAAAGAGG CTAAGTGTCT
230451 TGCTGAAGGT CACAGAGGTA ACAAGTAGAG AGCTTGAGCT AGAACCAGG
230501 TCATCTGACC ACAATGCAGG GCTCTAGACT ACATCTTTCT TAAATAAATC
230551 TTTATGAAAT TGCAAAAGT CACTTTTTGA GAATAAACAC TGAACAATAA
230601 GACAGTTTTT TGAACCTGT TTCTCACTTT TTAATAGTAG CTGATCCTCA
230651 ATTTTACTAG AGGTAGAAGG ATTCCTGTGA ATTAACATA TTTCTTTAAG
230701 ATTGCAATTT ACCTTATCAT ATAATAAAT GCATATGAAT GTTACTTAAT

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230751 AGTCGCTCTC CAGACAGAAT AATTTTCAGCA GAATTCTGTG CTTCCCAATT
230801 AACTTAAACC ATATTTTTTA TGAGCCCAAA ATTACATTCT TATATTGAG
230851 TGAGATATCC TGTTTCATAGT CATAAATCA CTGTGAAAAC AGGAACGCTCT
230901 GTTTTTTTTT TTTTTTAA GAAACAGGGT CTCACTGTGT TGTCCAGTCT
230951 GGAGTGGTGT GCTCAGTGTT CACTACAGCG TCAACTTTCC AGGATCAAGC
231001 GATCCTCCCA CCTCAGCCTC CAGAGTAGCT GCGACTACAG ACATGCAGCA
231051 GACACGCACC ACCATGCCTG GATAATTTT TAGTTTTTTC GTAGAGATGG
231101 GGTTCCTCTA TGTACTGAG GCTGGTCTTG AACTCCTGGG CTCAAGCAGT
231151 CCCTCCTGTC TCGGCCTCCT AAAGTGCTGG GATTACAGGC GTGAACCACC
231201 GTGCCCAGCC CACTTTTTTT TTAATCTAA AAAATGTTAT TGTGCTTTAA
231251 TTCCATGTGA TAATGGACAT TACACCAAGA TGCTTTTAAG GCTGGTAGTA
231301 GTGTTTTGGT AGGTGTTGGC AGTTTAACTT GATTAGATAC TTTCTATAAC
231351 ATGGGAAAAA TGATCAGCTT ATTTCTTACG CTGGCAATGC ATGGAGAGAA
231401 TGGTTTAAAT TGAAGATCTC AGCAGGATTC AAAATTAATA TTTTGTCTATA
231451 TTTTATCTTT TTGGATGCTT TAAAGATTAT CTTATGCAAA CTGAGAAATG
231501 ATAGTGTGTT CCATTCAAGT TCCAATAATG CTATCTTTCC CCAAAAAGCA
231551 CATTGTGTTA TATGGAGTTT TCTATTCTAG GGGCACCAG AATAATGTGT
231601 ATGTAGTGTA AAGAAGTGGA TTATTGTAAA TTTCTAACAG ATCTCACTAT
231651 GAAGATGTTT GTACCCATAA AACAGACCCA GAGGGCATTG CATTGAAATT
231701 TTAATGTATA AATGTGCAAA GCTGAACTGA TAGTATATTT ATATTAGAAT
231751 GGGTGTGTTT TCATTCAAG AAACCTAATT TTGAATCTA TTTTGTTTTT
231801 GATATTAAAC ACACAAAAAA TGTGATTTC CCCTATACTC TTGTTTCAGG
231851 CCACAAGGCC AGCCATTACT CAGCACTGCA CTGACCTTGG GAATTTGCTG
231901 GGCAAGGAAA ATGACGTGGC CCTCATCATC GATGGCCACA CCCTGAAGTA
231951 CGCGCTCTCC TTCGAAGTCC GGAGGAGTTT CCTGGATTG GCACCTCTCGT
232001 GCAAAGCGGT CATATGCTGC AGGTAGGAAC CTGCAGGCTG TGCACAGTTC
232051 ACACCTCTGT GTGTCTGTAT CCCGTGTTTA TACAAAAGAA AGGGATGCAT
232101 GGGAAATCTA GGTTTAAAGT TTTGTATCTA AAAAAGGCAA AACAAAAATA
232151 CAAATTTATT TTTAACTGTT GGTGCACAGA TTTTGCAGAG GCAGTTAGTG
232201 GTTTTTACAT TTTTGTGTTT TTTATTGTCT TCTGAGAAGA TAAAAAGAGT
232251 AAGAACCAGG GCTTCCAGTC ACATTACCA TGGGGGATAA ATTGGAAGAA
232301 CACTGCCTCA AGCCCTTTG AGAAATTACT GGGGTCCAAC CTACTGCACA
232351 TGTCTGAGCT CAACTTCCAA GATGTGTGGG GCTTTGATGC TTCTTTCTG
232401 GCGTTTGTG GGGTATTTCT TTTCAGTTAA GGAGGAGCTT TGGTGCGGTT
232451 CATGTGATAG CAATTTTGT GGTAAATCT AACCAGAAAT CTTTGTAGGT
232501 TCTTCCCTTC CTGGGAAGGT TTTTTTTTTT CAGTTGGCAG TGGTGGGGGA
232551 TTGTTACATT CCATTGGCTG CTGGCTATGT GGAGGTCTAG TTCTGATAGA
232601 AATTTGAAAG TCAGACAGAA TTATAAGAG AGTAAACCAC TAGAAAGATG
232651 AGTGGTCACC AAAGGTCACA GAGAGCTGGA GGGGCTGGCT AGTGGAGCAT
232701 CAGTAGTGGA AAGGCATGTC AGTTTATGTC CTATGGTCAC AGGATATTCA
232751 GGGACCATGG GGATGAGGAC AAATTCAAAT GTGTTTGAAG CAATGAGTGA
232801 CAAGTCTGTT GTACCTTTAA GTGAGGAAAC CTGGTGCAGC TGTGGGGGAC
232851 CTGGTGCAGG GAGCAATGGC CAGAGCACCT TGAAATACAC TGCTTCTGGG
232901 TTTTATGATG GCCTCCTTCT CTTTCTCTCG AATAGCTTGA TTTGTGATACA
232951 ATTACATAC CATAAGTTC ACCTATTGAA AGCAATTCAT TGCCTTTGAG
233001 TATATTACCA AAATTATGTA ACCATCATCA CAACCAATTT TAGAATATTT
233051 TCATCACCCC GTAAAGAAAC TCCTGTATCC ATTATCAGTT AATCCCATCT
233101 TCCGTACAGC CTTACCCCC ATCCCAACA ACCAATCATC TACTCACTTG
233151 TCTCTCTAAT TAGCCTGTTT TTTTCTGAC TTCTCTCCAT CCCTGTTGTT
233201 TCATGTGTCA GTACTTCCTT CTTTTTATGG CTGAGTAATA TTCCATTGTT
233251 TAGATGTAAC ACATGTTTAT CCATTCTCA ATGTATGAGA ATTTGGGTTT
233301 TTTACCTTTT TTGACTGTTA CGTGTAATGC TACTGTGAAG ATTTGATGAC
233351 AAGCTTCTGT TTGGACGTAG GTTTTCGACT CCTCTGGGTA CGTGCCTAGA
233401 AATGGAGTTG CTGGGTCATG CAGTAACCTC ATGTTTAAAC TTTTGAGGAA
233451 CTGCGAGATG GTTTTCCAAA GTGGCTGCAC CATTTCTGTT CCCACTGGCA
233501 ATATGTGATT GTTTTCAGTT CTCCATATCC ATGCTAACAC TTGTCGCTAG
233551 CTATCTTTTT GATTAGTTAG GATGTGAAGT GGTATCGCAT TGTCTTTTGT
233601 GTTTGAATTT TTCTGTTGAT TAATGATGTT GATCGTTTTT TCATGTGTTT
233651 ATTTGGCCATC TGTATATCTT CTTTGGAGAA ATGTCTATTC AAATCCTTTG
233701 CCCATTTTAA AGTTGGATTA TCTTTTATTT ATTTGAGGTAT AAGGGTTCTT
233751 TAGCTACTCT GGATACAAGT ATCTCATCAG ATAGATGATT TGCAGTTTTT
233801 CCCCTTTTAG GTTACCTTTT CACTTCTCTG ATAGTATTAC TTGCAGCAAA
233851 ATTATTTTGA CAAAGGCCAG TTTATCTATC TTTTCTTTT GTGCTTTTGG
233901 TGTCTAGACT AATGAGCTCT CTTTTTAAAG TAGCTGATCC TGTGCTTTCT
233951 TTCTTGGGTT CTATTTGAGC AGTTTAGATT AGGGCTATGC AAATGGAAAA
234001 CAGGATGGAA AGAATGGTGG GGAAATACTT TTATTCATAA ATTTCCCTTT
234051 GTTTCTACAT TGTAAAGCTG CTGAGTAGGT GGGTACCTGA TTTTATGAAT
234101 TTCTCCACAC TGGAGGTTGT TACTGCTCTA CCTCAGAGCC GTGAGTCATG
234151 GGAGTCAGCC ACTTCTGCCT GCCACTGCCC TGTGATCAA GGGGTCTATC
234201 CCCTGACTCG CTGGTGGACA AAAACAAGTA ACAACGTGGA AAAGTCTGGT
234251 AAACGTGAAC CCAATGCAAA CACCCTAAAA CCTTATAAGT TTTTAAGAGG

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234301 GAAATCAAAA TGAGTCCGTT GGATTCTCAG GGGAGATCCA GGAATGCCTG
234351 TAAGGGTTTA CAGGAACATG TTCTTTTCTT GCCAGGTGCT TGATACTAAA
234401 ACACACACAC ACACACACAC ACACACACAC AACTTTTTTC
234451 CCCTTCTTGC TGTGACTGCT TCACAGTGCT TTGTGTGTCT CATAGGCCAT
234501 ATACTTGAAG ACTTCAAAGG GGAGTTCAAA CTGGAATTGG CACAGAAAGA
234551 GGAAATTTCA AATTAAATAC TGTACAGTC TACAAAATGG AAGCATTAAAT
234601 TGAAAAAGGG AATTAGGAT AGTGCATCAT TTTCCTGCTC TTGGAGACAT
234651 TTCTTGGCTG ATCTCATACT TAAGATTTTA AAAAAATCAA CATGTACTTA
234701 AAAAAAAGAA AAAAGCACTT GTACACTTCA GATGTACTTA CTATTCATTG
234751 AAAATTTAAA CTTAAGCTAA ATTTAATATG TGGCTTCAAA CATAAAGTTG
234801 ACCTTAATTT TCACTTTTCA TCTTCAAAAT ATAATAGTTG TGAGAGTTAC
234851 CTATTTCTCT AATAATGAAA GAAGTAATTT TTTTTCAGAA AATAACTGGT
234901 CTATGAAATC ATGAAGCATG TTCTATCAA TATTGATTCA GAAATTTGGT
234951 ATGTTGTATA GAAATAAATA CCTTTAACT AAAACAGTAC TTTAGGCAGC
235001 AAAAAAGAGG AATTGCAAGA ATTTATTAAA TATTTTGTG AAATTAGAAT
235051 CAAACAATTT GCTAATTATG CATTTCTGTA CCCGAATATT TTCCATATGG
235101 TTAATAATCCT AGAGAGGGCA TATATAGTCA GCACTCCAGT ATAATTTACT
235151 TTGTATCTGG CAGGGGTGTT GCCATGTAAT TAGTTGAAGT GTAAACTGGT
235201 CCAGTCAAGG TTTTATTG TGGGCTTGCA AGTATTGTGA CATTACATT
235251 GCAAATTCCT AGTGTCTAGG ATGAATAAGG AGAGGAGACG TGGCCTTTGG
235301 TGTAGAAGTG CAAATAGTGA ATAAGAGACT ATGTTATTGT ATTTGCCTCT
235351 ATTCCTTTGC ATCTCACATA CATCCCAATT CCTTGAAACC CAGCCCTTAG
235401 TGAAGAAGCG ATAGCTGGGT CTCCTCTGG CCACATGCAG CAGACTCCCT
235451 TTTGTGCTTG ATTTTCAGAT CCTTTCAGCA TCTGGTGTG AGGGCTCTTC
235501 CCTTGAGGGG TTCTCTTTTT CTTCTGTGGC ACCTTTCTCT TCTCCTTAAG
235551 TTATCTGTCT CCTTTATGGG CTTTCTGGCT GCCTGTGAAG TGTGTTTTTC
235601 CCAAGGTTT ACCTCTGGTC CTATCGTATT CCCACTCCAC ATCTCCCCGT
235651 GTGCCTTCCA TTTAATGTGT CGGATGGCCT CATTCTCTT ATACATTAGT
235701 GACTTCTCAC AACACCAGCT TCATATGGAA TCATCTGGAG AACTTTTTTG
235751 TTGTTGTTTT TGTGTTGTTG TTTTGAGACA GAGACTCGCT CTGTTGCCAG
235801 GCTGGAGTGC AGTGGCGCTA TCTCAGCCCA CTGCAACCTC TACCTCCCAG
235851 GTTCAAGCAA TTCTCCTGCC TCGGCCCTCC AAATAGCTGG GACTACAGGC
235901 GCACACCACT ATGCCCAACT AATTTTTGTA TTTTGTAGTAG AGACAGGATT
235951 TCACCATGTT GGCCAGGATG GTCTCGATCT CTTGACCTTG TGATCTGCCC
236001 ACCTCGGGCT CCCAAAGTGA TGGGATTACA GGCATGAGCC ACTGCACCTG
236051 CTGAGAACT TTTTAAAAAC ATATTTTCCT CAAAAAGCTA AATCTGGAAG
236101 GTACCATATG ACCCAGAAAT TGCACCTCTA GGTTAGGTATA CACCCAAAAG
236151 AATTAATAAC AGGCACCTCA ACAATACTT GTATGTGCAT GTCCATAATG
236201 TTCATAGCAG CATGGCCAC AGTAGCCTCA AATTGGAAAA CAACCCACAT
236251 ATGAATCCAT ACGGTGGAAT ATTATTGAGC CATAAAAAAA AATAAAGTAG
236301 TGACATGTGC TACAATGTGG ATGCAGCTTG AAAACAGGCT GAATGAAAGA
236351 AGCCAGTCAC AAAAGACCAC ATATATATATG ATTCCATTCC TATCATATAC
236401 TCAGAAATAG CAAATCCACA GAGCCAGGAA GCAGGCTAGT GGTGCGCAGC
236451 GGTGAGGAGG AGGAAGAATG GCCAGTGAAT GCTCAGTGGG CATGGGATTT
236501 CCTTTTGAGG ATGATGAAGT GTTTTGAAC AGGCTACAGG GGATAATTGT
236551 ACAACATGTG GACCATACTA AATCCACTC AATTGAAAT GGTCAATTTT
236601 ATCTTATGTT TTTTCTACCT CAGTAAAAAT TAAATAATG AATAAAGAA
236651 TTCATCCATT TAAATGAAAT GTTTGTTGAA TTAATAAACT GATATGTTTG
236701 AATGAAAGTT CACTCATTTG AATGAAATGT TTGTTGATTA TAAAAAATGA
236751 ATCCTTTGAG CAGAAGTTTT GTTAGTTTTA ATGAAATGTT TGTGGAAAGA
236801 AAAATAAAGA GTCTGATTCC CAGGCCCTTC CTCAGAGCAA TAAAAACAGA
236851 ACTCTAGAAA TTCTACAAAC TCCCGTGGC ACCTCTCTTC TCCTTAGTTA
236901 CCTGTTGATT CTAAACAGCA GTCAGGGTTG AGAAGACAAC TTCTGCCATC
236951 TGCTTGTCCA GCGTGGCCCC TCACTTCAGC TCCAGTTTCT GTACATCCAA
237001 CCACATCTAG GACTTTTTTT TTTTTTTTTG AGGCAGTCTT GCTCTGTCAC
237051 CTAGTCTGGA GTGCAGTGCC ATGAACACAA ACACAGCTCA CTGCAGCCTT
237101 GACCTCCTGG GTTCAAGCGA TCTTCTGTT CAGTCTCCCA AATAGCTGGG
237151 ACTAGCATGC CACTATGCCT GGCTAATTTT TAAAAATTTT TTATAGAGAT
237201 GGAGGCTTGC TATGTTGCCC AGGCTGCTCT CAAACTCCTG GCCTCAAGTT
237251 ATCCTCCTGC TTCTCCTCC CAAAGTGCTG AGATTACAGG CATGAGCCAC
237301 AGTGCCAGGG CCTTTTGACA GCATTAGCAA GCATGGTTT ATATCTAGGG
237351 GACCTTTAGA GAGATTAAAC CATATAAGCA CATTATTTAA TTGAGGTCAG
237401 ACATTAAAT CTCTTAATTT GTTTATCCTT TTCAGTATG CATTATGTTT
237451 TATAAATAAG GAAATAAAGG CCTCAGAAAA ATTATATCAT GTTGTCTGTG
237501 GTCTCAGCTA GGAGTGGAAG AGATAGCATT TTATGTTCTA TCTGAATAAT
237551 ATCAGGGCCT ATGCTCTTAA GTCACACAGT TGGCTGTGTC AGCTAATTCA
237601 TTGTCACAGC TTTATTACTG ATAATACAGT TTTGCACGAA AGTTTTGCTT
237651 TTCACATATT TTTCACTGT CTTATATGTT TAGACTTATT CAAGAAATCA
237701 ACATAAAGTC TTGTAGGATT TGTCATTCTC CAAAGGGGTG AAAGTTATGT
237751 GGAATATGTG TAAACCATTT TCAATATGTT CAAGAAAGAG TTATCTGTTC
237801 TTTCTTCCCC CTTTCTCATT TTCCCTTTTT CTTTGAAGGT CTTTATTTTT

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237851 GTCCAAATGG AGATAAATTC TCTAGCACAG ACTACCAGGG GAGAGGACTT
237901 TGACCTCTTG AGAAGACTCA GAAATCTTTA AAGTGACTGT CTCGTGAGGA
237951 AAAGAGTCAT GAAAGAATCA TCAGTGACCC CCTGTGAGGA CGTTAGTGAT
238001 GGCCCCATCA GAGTCCCCAG CAAATACAGG TGACATGGGG GCCGCTGGGC
238051 ACTGCCTCAT TAGCAGATGT GATTTACGGC TTCACATCTC TGGGCAAGAG
238101 ATGGAGTGGG AGGAAAACAC CGCGGCAGGG ATTTCCACGG GATGTGCAAA
238151 TTAAGGGTTT CCAAAGGCAT CATTATTTT CTCTGATATG TTTAGACTTC
238201 TGTCTTTTCAG GATAGATTCA AAGATAAACA TGTATAAGCC TGCTGTGATA
238251 TCATAGATTT GAAAACAGGA GAGAGAAAAA GGCCGAGTGG ACGCACTGAA
238301 TGTTTTAAAA GACTTCTTGG GTTTATTTTT CTAAGTGTAA GAGTGATTTA
238351 TATTTTTTGT AAAAATTAG AAAATACAGA CAAACAAGAA GAAAGAAAAAT
238401 GGCATTACACA ATCCCCCAA CTAGGGATTA GCACTGTTGA CAATTGGTTG
238451 TGAAGTCTTG ATCTCCTTCT GTGAAAACAC TTTTCATTGG ACGAAGGGTT
238501 ACACCTTTTA CAATATGCAA AGTTAAAGGT TATACACAGT TTCTATGTCA
238551 AATTTGTTTT TTAAGAGCAT AATGGTGTTC TGTATATGA AAACACAGCA
238601 ATTAATTTAT TCCTAATTGA TGGATAGTCA GGTTAACAAT GTTTTTTACA
238651 TGAATAGTTG CAAAGACACT TGATGATGTC CATAAAACAA TAATGGATTC
238701 AAGGATAAGC AACATAGAAA CTGCAAAAAG GGCTTGTAGC CTTAGACTCA
238751 GAAAGTAAAG TGAATTGGCT TAGAGTCAGA GAGAGATGAC TAGTAGCTTA
238801 GTCCCTGCTG GGACAAACAT ATTCTCCTCT GTTTAGTAAG CATAGTATGG
238851 ATTCCAAGCC CCAGTTTGGG GTTTGTTAGC CTCCTAAGA AAGGGGAGCA
238901 GTTTAGAGGT TATTTTGTGA AAGTATGTAT ATGTATACAT GTATATATAT
238951 ACTGTCCAAT ATTTTAACAC ACTGGCAGTG TATCATTCCC AACGTCAGGT
239001 CAGTCTTCCA GCCTATCCTA AGCTTATCAC TCACCTAGCC TGCATTAAAA
239051 AACCTGGTGG ACATCTGTCT TAACTTTAGA CTACTTAATG TAGAAAAGAA
239101 CTGGCTCTTC TGATTTGGTT CCTTCCCAG CTTAGCTTTT TTACCTTAAT
239151 GAGGCATGAG GATAAATAGG AAATCAGAAC GTTATGCATT TTGTGTGTGG
239201 TATCCTTCAG CCTGTGAAC ACACACAGAA TTATGTCAAA ACAGAGTTCA
239251 GATGCAGTAA TTAGAATTGT ACCACCAATT GTGTTTTAGT TGGCCTCCAT
239301 ATTGGTAGGG ATCCAATTGT ACACTTGCAAC AAATAAAACT TTTCTTTAGT
239351 TTCATTCAAT ATGTGATTTC TCAGCATCAT GAACGTTAG TTATAAGCCA
239401 GCTTCCTACT TTGACATCCT ATTCCAGAGA GCATTATTAA CTTGTGCGAG
239451 CTGTAAGTCT ATCCTTGGGC TGTTTGATTG TGGCTTAGTA TATATTTGCC
239501 CATTGTGTTA TTGCAATGCA TTAAGGTAGA ATTCACTTTT AGATAGGTTT
239551 TTTTAAATTT AACTCTAACA TGAATGCTAT TGTTTGAATG ATTACAGCAA
239601 TTTTATTTGG TTCTAAATGG CTTCATTGTT ATTTTATTAA GGATGAGAGC
239651 GCTCAGATGT AATAGTTCTT CAGCACCATC TTGGAAAAAA AATTCTCTCA
239701 AGCCCCAAGC TTAACACATG TTTTCCACC CACAGATCTT ACCATAATTT
239751 CTCTAGACTG AAACCTAGCT GATGCAGATT TTGTAGTATA TTAATAATAG
239801 CTCACGTGAA TCATTGTAGA GGCCAGAATA TGTAGAGACT TGAGTATTAA
239851 TCTAAAGTAG GAAAAGGAAA CCATTTCTAA ATAATTATTT ACAGCTTAGG
239901 AAAAAAACA AGCTTTTTGA AATTAAAGCT AATTTTGATG ATAGCACATT
239951 TAGAAATGGA GGCCTATTCT CATCTTAAAT ACCTATTGCA GCAATAAAT
240001 TATATGAATT ACTCTATAAG ATCAATTCT AACTGTTAGG GATTTCTGAC
240051 GTTTTGATTG CCTCTAACT AAAAGTTATA TATCATCACT ATCTGGGTGT
240101 TACTATTTCG GGTGAGAAAT TTTTAAAAA GTAGCGTATC AACTTTGTTT
240151 CTTATGTCCT GGACTAATAA AACAAATTGG TGGGGAGCAA TATAGTACAT
240201 GTGATAAAAA TGTGGACAAA TATTTAGTAT AAGATTGAAA ATACAGGAAG
240251 CTCTTCGCTG TGTCAGCTAT GAGCAACTGA GTGAATAGAC GTGGATAACA
240301 TGTGAGAAAT ACTTGCCAA GGGCATTTAA TAATGAGGAT TGATCTATAA
240351 TAATATGCTG TGTAAATTGG AACACATCTC TTTGGAGTTT TTTTGGCTTA
240401 TAAAAATTAT ACCATATCAT TTTGCTTATA TAGTAGACCT ACTTTTCCTA
240451 ATGGTTCTGA AACCTGATTT ACATGGCACA AGTTCCCTC CACTGAGTAC
240501 CTTCACTACT GTGTTTGTTC GCAGAAGCTC AGATGCAAAAC TGAACAGTGG
240551 GAGTAATGAA GCCCTTTCCT CTTTGGCAG TAGTCTAAGA ATTATGGTAA
240601 TAGGGTCTGT GTGATCTCCC ATCCATCCGC TCTGCAGCTT TCAACACATG
240651 GGGACCCTTG TGAGACACCA GAAGAGCTCA CAGACACATG ACTTTTCAAG
240701 ACTTTTCTGT TGTTTCTTTT TTTCTTTTCC CCTTTTTCAT GAATGATTAC
240751 TTTATCAGTG CATGTCATTT TTGACAATAC TGCTTGCCAA ATGAAACAGG
240801 GTGATACGAG GTCACACTGT GGCCTAAAAT TCTGAAGTAG AAGCTCATAA
240851 TATTTGTCAT CTTTCTTACT AGAAAAACAA ACCAGAAAAG AAAATCAAGA
240901 ACAGAGCTTA ATTAACATG TGGAATATGT CATGAATATT TATGTCCCCA
240951 AGTCTTGCTT TGTGATGGTA TTTGTACTTA AAGTGCTTTT TCTCTCTTTT
241001 CCTGTGAAAT AATTGAGAA GTGTTTCATT AATACAAGAA TGTGTCATGT
241051 TAACTTTTCA CAGGAAAAAA TTTCACTTCT GACAACACTG ACACCTTTCT
241101 GATTGAAAGT ATGCAAAATA GCTCTTACGT TAATTGGTCC CAAAGAAAAAT
241151 TATGTTATCC ATTTTCTGT CTATACATCT GACACTTTC CTCATCTGTC
241201 ACCTCCTGAA TTATCAATGC TTTCCCTTGC CTGATTTTGA CAGCCAGTAT
241251 TCTGCCTATG ACTTTAAAAA CCATAAAAAA AAAACTCCAT CCTGGGAGCT
241301 TTAAGTCTCT CCAGTTTGAA TAGGAAGCCC CAAGATTACA GTCAGCAAGG
241351 TGATGCCACA TCTACTACTA TGCCACATCT AGACTGCAGT TTCTCTATTT

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241401 TAAGCCTCTC CCATTGTTTC TTACTCGTTG AACTTTAGAG AGGAAACAAA
241451 TGACAAAGAG GAATGTTTAT ACTTTTTTAA TATTAGTCT TATTAGGTT
241501 CACAAGTAAA TTTTGTGAGC AGGAGCTAGG TCAGACTGAC AGAGCTAACT
241551 AAAGTTGCCA AATTTTGGGA GCCTGTGCTT GGTGTGAGTT TTATGATTGG
241601 TGATGTCTGC GCCTTATGAC CATTGTGATC TGCAGAGCTT TGCTGGGTCA
241651 GCAGAGTCTG AGAGGGTCTG TTGAATGATT TGGTTTCTGT TGTTCCTGT
241701 TAACCAAGTTA ACTGAGCTCT GTGAGAGTCC CAGGGCTGAA TTGTCGCCAG
241751 TGGTTTAGTT TCTGACAGGC CTGTAAGTGA GAGAGGCAGA CAGACAGAGA
241801 GACAGACAGA CACCCCTCC CCAACCGTCC CATCAAATTC TTGACACCTG
241851 GGTCATCTGA GCAAAACAGA GCATGCATTT TTTTCTCTTA CTAAGCAAGT
241901 ATTCATAGTG GCGTCTTTC ACCACTGGA CACACCAATC ATTAAAGACC
241951 AAAGTAAATA CACCAAGTTG AAGATAATCC TTTCAAAAT ATACAAGTGC
242001 CAAGTTAAAA CTGGCTGTCA ATCATTTGTG CATTTTTCTT TACTCTTGTC
242051 TGTTTTAATG GATGGGTGTG GTATGAAGAT ATTAGAGCTT GAGAAATTAG
242101 GATTCAGTTG TATATCACAAT TATTTTGCTT CTTTACAGAT GATTGAACCT
242151 TAAGTCTCTA ATTTCTCTAT ATAAAATCAT GATGAATAGA TACTGAGTTT
242201 TTTTCTGAA ACAGAATAAC AATAGTAGGG AATATATGTT TCTATGTAGA
242251 TACATGAACA CATGACTATA CATTTAAGCT CAATGTTTTC AAACGATGAT
242301 GCTTCACATT GAGAAATGAA TTTTGAATTA TCAAATATGG GAACAAGTTT
242351 AACAATAATA TAGAAGCAGA TTAAGTCTTT TTTTAAAGGA AAAAAGTAAA
242401 TGTTGAATGA TATTAGTTTA ATGACACTTA GATCTGAATT TATAATCCCG
242451 TGTACCTATA ACTGTAGTAT TAGCCTATGC CAATATAAAC CTAGTTATAA
242501 TACTTTAAAA TGAATGCAAT TAAGGGCTGA TACCAACATT
242551 TCTTGAAGTT TTGAAATAAT TATAATTAGA GATGTTAAAG AAATAAAGTA
242601 GGATCTTTCT GTGGTCATAT TTGTGTTTCC TTTATTGAA ATCTGCTGCC
242651 AAGAGTCTTC AGGATAAATC ATCGCTGGGT GTCTTGCAAT TCTACATTTT
242701 TACTTCAAGC TGTCTCAAGC TCAAGATTTC TTTGGTTTGG TTTTACATGT
242751 GTTTAGATAA TGTGTGGGAG AAGGAGGAGA CTTTTATTTT TTTTAATTTT
242801 TAATTTTAAA GTATGGATAC GTACTAATTG TACATATTTA TGGGATAAAT
242851 GTGATGTTTT GATACAGGCA TACAATATGT AATGATCAGA TCAGGGTAAT
242901 TGGGGCGTTA TCACCTCAAG CATTTATCTT TTCTTGAGTG TTAGGAACAT
242951 TCCAACCTCC CTGTTTTAAT TATTTTGAAA TATACAATAA ATTATTGTTA
243001 ACTATAGGTG TCCTGTTGTG CTACTGAGCA TCAGATCTTA TTCCTTTTAT
243051 CTTACTGTAT GTTTGTACCC GTTAGCCAAC CCCTCTGTAT CTCCCATCCT
243101 CACCATCTGT CCCAGCCTCT GGTACCCAGC ATTCTACTTA GGAGAGGACT
243151 TTTAGACATC TTATAGGTCT CCGTAAGATC TATTTTGTAT TTGATCCTAA
243201 TATTTTTTTG AAACAGGCTT TTATTAGTGT GGTGGAACAG GTAACCACAC
243251 TGCTTGTCAG GCCAGCTCCC AGGACTGGCC AGGCTGTTCA CTGTGACCCA
243301 ACTTGAGGGA TACCTACTG TTTAAGTTTG TTGGGTGAAC ACAATGGGA
243351 CAACCTTTGC CTGCCTAGAG GGCTCAATCT GGTGGGAAGG CCAGTCTGGT
243401 TATGACAAAT GGTAAACAG TCACAGCATG AGGTGCTATG AAAGCTGAAT
243451 CTTGGGAGAT GACACAGCCT AGTAAACTCC AAGGGATGAG TGTGTGGTGG
243501 GAAATCTTAA TGCCATCAAG AGGCTAGCAC TCAAGTATC GTGATGTCCA
243551 GACCCTCTGC AAACACTAAC ATCTACTACT CCTGAGAATC CTGAAAATGA
243601 AGAGGAAAGT TATTGCTCTT ATTTTATAGG TTAGCGAATC GAGGCATAGA
243651 CTAACAAAGA TATATCCTGA GGTCTCTAG GTATTTTTTT TGTTTTCTGA
243701 GTCAGAGTCT CACTCTGTCG CCCAGGCTGG AATGCTGTGG TGCGAACTCA
243751 GCTCACTGCA ACCTCCGCCT CCCAGGTCAA GTAATTCTCC TGCCTCAGCC
243801 TCCGTAGTAG CTGGGATTAC AGGGGGCGTG CCACCACACC CAGCTAATT
243851 TTGTATTTTT AGTACAGACA GGGTTTCACT ATGTTGACGA GGCTGGTCC
243901 GAACTCTGTA CCTCAAGACA CCAGCCCTCC TCGGCCCTCC AGAGTGTGG
243951 GATTACAGGC GTGAGCTACC GCGCCTGGCC AGTCTGTAG GTATTAATGA
244001 ACAGTTTTCAG GATTTGAAT CTGGAGTCCA TGCTGAGAGA CTATTTCTAAA
244051 GATAATGGTA TGGAATTAAT GTATTTTGTG CAGAGTAGCA GAGCTAGATC
244101 ACAGGCTGGG CATGGTGACT CATTCTGTGA ATCCAGCAT TTTGGGAGGC
244151 TGAGGCCGAAA AGGTTGTGTG AGGCCAGGAA TTCTAAACCA GCCTGGGCAA
244201 CACAGTGAGA CCACATCTCT ATATTTAAAA AAAAAAATTT TTTTAAAG
244251 CAAACAGAGC CTTAGGAGAA GGCAACACTA TGGAGGTCAA GTTAGAGTTC
244301 ATATGCAAGG TAGAGGCCCG TGAATACTT CAATTTAGCA CATGTTAGAC
244351 TTCCACTAGG GTCACAAGTC TCTGGCACAT AGTAGGTGTT AGAAAGAAAA
244401 GTTGGACTGA ATTTCCAGAT TCTCTGGAAT GGACTATGAT CCAGATTTAT
244451 AGTCATTTAA GAGTTAGAAT CTGTAATCTT TAGTGACTGA CTGAATGTAC
244501 TTGGGGATGG TGAGATGGGG TAGAGATGAA GCACTGTGTG AAGAGAGCTC
244551 ATGTACAGAG GGGTCCCTGGA GGAGGAGTTC ATTTCCAGCA TTGTGAGATG
244601 TTTAGAAATTA CCACAGCTG CTGGGTGTTC ACTTCTGGTG CAGGTAGGAT
244651 TCTGCCAAGC CCATATCTCT CCAGTTACAG GCTATCAATC TATCTGAAGC
244701 TAGAAAAAAA ATGCTCTCTT ATTTATTTAT TTGTATCTA GCATTTACAG
244751 AATGCCCATT TCTGGTGTAG CACCATAGTG TACAGGGCTA TAGGATGAAA
244801 AGGAGAGAGA AACCATGAGT CAAGGATACA GTCTACTTCC TGTATCAAGT
244851 TACTTTGCTT CAACCAGATG TATTTATTAG ACTGCTCTTT GACTTTTGGC
244901 TTAATGGGTC AGGGGTGTCC ACAGAGTTCC CCATTAGAAA GGAATCTTTC

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244951 TACCTATCTC TCAGTCTGCA CAGTACCATG AGGGTCTTCA TCTTCCAGGT
245001 GTGGAGGTGG CTTATGTCAG TTAGTGCTGC TGCCCACTAG AAACCCTGGA
245051 GCCTGGAAGA TGAGCCTTGT AGGAAATACC TCTTTCTAGG TGCACACTCA
245101 GGACTACGAG AAATGTTGAG GAAGGTGAAG GATTCTCCCA TAACTCAGTC
245151 CTCCTGGGCA GGTGACTGGC GGGGCCAGAC TTTGAGCATC CTGTCTGAAT
245201 AATAAGCCTG TTTGGTATGA AATCCATGTG CTAAGTATAG CAGGGTAATC
245251 CTGTGGATTG GCTGAAACCA TAAGGGACTA GATGATACAT AAAAAGGATA
245301 TCAGTGATTC CACGAGTGTG TAACACGAGA CAAAAGACAT AATAAAAGCC
245351 AACCTAATAC TAAGCTTAGA TTCCATACT GCTCAGGCTA TGTATTAAAA
245401 ATTCTTACTG TAGAATTTTT AATCAACTGG AGTTTTCTAG TAACTGAAT
245451 TGGTGTATGT TAAAAGGGTC GGAAAGTCGG GTAGGGATGA TGGGTGGGA
245501 GAATTGCTTG AGTAAGAGAT AGTAGCCTTA AGAATATTTC CTTGCAAAAT
245551 ATACCTGGGT ATTCTTCATG TTTAAACTA TGTGATTCCA GCAAAGATAA
245601 GTTATTTCAT TTGATAAAG CAAAAGTAAG AATTATCCTC ATGGAACATA
245651 AACCTGTGTA TATTAGTTT ACTATACCAT GTCTTCCATT AAAACTATCC
245701 TGAGATTAAC TTGATTTATC TTGTCTCAGT TTAAGTTTAG CAATTTAATC
245751 CCTAAAAATG TAGATAGTGC TCATTGTATA GAATTTCTCC CTTTCCCAAA
245801 ATGATGTACG CTTCTCTTTT ACTAAATCTT CAACTTTGTG AGCCCACTCC
245851 ATATTGCTG TTTGCTGTAA GTTTAGAAA GCAGAAATCG CATCTTCTAT
245901 TTCTAACTTG AAAGGCATTT TTTACAACCT TGTGTAACAA ATGTCATCGT
245951 TCCCACTACG TCTGTTTTTT TCTGATAGGG CTAAGAGGCA AGTTTTATTG
246001 ATTTAGAAAT TTTCAACAGT TTATATGCAT TATGCTCTTC AAACCTGCTT
246051 TTATGTGTGC ATGAAAGGAT ATTGATTAG AACAAATTTA TATTAGCCCA
246101 CTTTTCAAAA CCCTGCAGCC AATCAGCATT ATTTTTGGTG CTACAGCTTT
246151 CATGTAGACG TTCTGCAGGA AAAAACCAGA AAGCTCTCAT TGCCTGTGAC
246201 CGAGATTCTC AGTCAGGAGT CTAGAAAAGT CTTTCTTGAA TCTAGTAGTT
246251 AGTGATTCAT AAGTTTTTGT TGTATTAAAC TTAGTACTTT TTTCTGAGGC
246301 GATTCTAGTC AATTACAAAG TCTCCTAAGG ATTATTTCAA ATGCAGGTCA
246351 CTTCTGTGTC TTGAGATGAC TTTGAAATCC ATCTGTGTGT GTGCTGAATG
246401 AATATTGAGC ATATGTGTGC CAAATATGTT TCCTGACAAA CAACGTGCCA
246451 TGTCTGGGT CCTGGGGAGC TAGCAGCTCC CCAGGGTAGC TAGCAGCTAC
246501 CGTGGTGGAC AAGATCAGCA CAGCCCAGCA CAACCCCTGC CTCTGTGAGA
246551 CTCAGGCCTT GGGAGAAGAG CTGGCCAGTA AAAATTACGT AGACTGTACA
246601 GTTATGAATT AGATGCTTGG TCTCTGTGAT TTCAGCAATT AGATGCCTTT
246651 GATCTTAGGT ACGTTGAATT CTTAAATTTA TTAGCTTCTC TAATGCTGTA
246701 GGCTGATATA GATTCTGTG GCTATCCTTA ACTATCAGCT TTGATTAACC
246751 CAGAGTTTGG TGTTCAAAA GAAGCTGTAT CCCTCTGCTA AAAGAAAGAA
246801 AGGAAGGAAG GAAGGAAGGA AGGAGGGAGG GAAGGAAGAA AGGAAGAAAA
246851 CCTCTGGTG ACCTCTCAGA ATTAAATTTA AAAACCTAGT GGGATGCTGC
246901 TTCTCCCTTG CTTTCTGTGT CCCGGCCACA TTGGACTCCT TTCTGTTCTT
246951 TTGGCTCTCA AAGCAGGCTT TGCCCCAGGA CTATAACAGG ATTTTGCCCC
247001 ACTGACACAT GGCAAACTCA CCTGATTGAG GTCTTTGCTC AAATGTCACC
247051 CTCTCAGCTC AAGGCAGGCT ACCTTGAGTA CTCTGGCTCT GTTAGTGCCA
247101 CTTTCCATAG CTTTATTTTG CTTGATAGCA TTTACCACTA CCTGACATAC
247151 TATTATACCT TTGCCTAATT ATTGATAATC TGCTCTCACC CAACAGAATG
247201 TTTGTTTTCAT TAGAGCAGAG ATTGTGTCTC CTTAGCCTTC TCTTCCATCC
247251 TCAGCACTGG AAATGACACG AGACACGTAA TGAACACTCA ATAAATATTG
247301 GTGAATGAAT GAATGATGTG ATAGGCTAAC CAAACCTTCA CTTTCTTGGA
247351 GGCAGCCTAC TCCCTTCTCA TGACAGTTGC TGAAGTTATG CTGAGAACAG
247401 TGGTGATTGT AACTATGGAA AATGTTTAGG GTGTCAAGGT CAACCTTTTT
247451 CTCCTTTGGT TATTTGTCCA ATGCAGGCA CCTGCTTAGC TACTTTTATC
247501 TCCATGTTCT TGGCTATCTA CTTGTAGGAA ATAGATACCC ATGTAAGAGA
247551 ATGCAAAAGT CTCTTGAGG AACCAAGGAG CCTATGTAT CCAAGTTAGC
247601 ATGTAAGTATG TGCAGGGTGC TCTTAAGATC TCTGCTTGGA CACTAGAAAT
247651 AGAAAAAATG ATGTATGAAG AAGTTTGGAT AAATGCTTCA TTTGAAAGTT
247701 ATATACCTTA GTATTTGCTT TCCCATTCTC ATGCCACTTA TGAAGGGTGA
247751 AGTTGGCTTC ATTGACAGCT AATACTGTTG AAGTCTATTG TAAAATCAGT
247801 TCATTAGGTT AGTGTCTATT GAGCAACTAC TATGTGTATG TGTGTGTTG
247851 GGAGTAGTGC AAGATGAGGC TGGAGGAGAA AACTGGGGCC GAATCACCCA
247901 GGTCTGCAAG TCTCATTGGA ACTTGGACTT GCTCCTCAGT GCAATGTGAA
247951 ACCTTTGAAA AATTTTAGCA AAGGAATGAT GTGGTCAGAT TTGTATTTTT
248001 AAAATAACAG CTTTATTGAA ATATTAGCAT ACCATGTAAT TCACACATTT
248051 GAAGTATACA ATTCATCAAA ATTAGTATAC TCATACAGCA GTATAACTAT
248101 CACTACTACA TTCCATTTTA GAACATTTCA TCATCCCCAA AAAGAAACCC
248151 TGTACCAATT AGTCATTCCC AATGTCTCTC CAGTTCCCCA GCCCAAGGCA
248201 ACCACTTATT TACTTTCTGT CTCTATAGAT TTACCTGTTC TGGACATTGC
248251 TTTGCAACTG GCTTTTCCCA CTTACTGTAA AGTCTTCAA GGGTCATTCA
248301 TGTGCTAGCA TTTCAATTCT TTTTATTGCC AAAAAATATT TCATTGTATA
248351 GATATATCAC ATGTAGTTTA TTCATCACTT GCGGATAGT TAGGTTGTTT
248401 TTAATTCTTG GCTACTATGA ATTATACTTC TATAAACATT CATCTACAAA
248451 TTTTGTGTG GACATATGTT TTCATTTCTC TTGGGTATAT ACCTAGGAGT

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248501 GGAATTGCTG GGGTATATGG TCACTCTATG GTTAACCTTC TAAAACAGAA
248551 CTGCCAGACT GTTTTCTTAA GTGGCTACAC CACTTTACAT TTCATACATT
248601 ACACCCCATTA CATTTCCTACT AGCAATGTGT GAGGGTCCCA GTTCACCAC
248651 ATCCTTGCCA AAACCTTCCT TTTTAAAGTC ATAGCCATCC TAGTGGGTAT
248701 AAAGTGGTAT TTCACTGTGG TTTTGATTGG CATTTCCCTG ATGATTAAAG
248751 ATGTTGAACA ACTTTTCATG TGTGTGTAG CTACAAATAA CCAGAAATATC
248801 TTCCTTGGA AATATCTGTT CAAATCCTTT GCCCGTTTTT AAATTGGGTT
248851 GCTTGTCTTT TATCACTGAG TTGTAGCAAT TCTTTATATA GTCTTAATGT
248901 CAGTATCTTA TCAGATACAT GATTGCAAA AAATTTTTC TAATTCATTG
248951 GGCTGTCTTT TCACTTGATG GTATTGTTG TAGCACAGAA ATTTTAAATT
249001 TTGATGAAGC CCAGTTTATC TACTTTTTTT TGTGTGTGCT TATGGGGTCA
249051 TATCTAAGAA GCCATTGTCT AATCTGAGAT CATGAAGATT TACTCCTATG
249101 TTTTCCCTTA CAAGTTTAT AGCTTGGCTC TTACCTGTAG TCTTTCATCT
249151 CCTTTTAGTT AGTTTTTGTA TATGTTACAA GATAAAGGTC CAGTTTCATG
249201 CTTTTGACA TGGATATTCA GTTTTCCAG CACCATTGT TGAAGAGACA
249251 GTCTTTTCTT TTTTGAGTGG TCTTGGCCAG ATGTATATTT TTAAGAGATC
249301 ACTGTCAGCA GGGTGTGAAG GGTTAAGAG AGGAGCGATG AGAATAGAAG
249351 TGGGGAGATC AATTTGAAAA ATATTTATGT AGCTCTTATT ACGTGAAAA
249401 CATTGTTCCTA GGCCTTGGAA CTATGATCAT AAACAAGTCA GACATAGCCC
249451 TGGCCTCATG GAGCTTACAT TCTGGCACTG AGGATGAGGG ATACAAACCT
249501 AACAGGAAG AGGAAAAAGA AGCAAAATGCA GTGATGACAA GTTGTGAGAG
249551 AAGAAACAGT GATGTGCAGT GTATAAGTTA TAGGACTACT GAATATATAA
249601 AGCATGAATT GTTATTTAG TTTTTCCTT TAATTTCAAA GGGCCAAACA
249651 TACCGACTCA GAGGCAGGTT GGCTAGAGTG GAGTTAGGAA AATACTCTTT
249701 CTGGAAAGAA AGGTGACTTT AATCATTGCT GCCTATACAT GCCACTATCA
249751 CCAGTGAGTC TTCACCTAAT GTGCATATCC ACCTGCTGGC AGCATTGCCA
249801 GAGTGTGCT GTGAAAGAAT GGCGCTTGT TCATTCTGTC ATTCTTCAT
249851 CAGATTATGG TAGCATGGAT TACAGAGGTG AAGAGAAATG AAGAGATTG
249901 AGGGTGTCT AGATGTAAAA TTGGGAGGAT TTGTAGTCAC ATATGAAAGG
249951 TAATAGTAAG GAAGAAGGAG CTATTGAGAA TGGGATCAGG GATTGGGGAT
250001 TTTGGTAGTT ATGATAGCCA TTGAGTGCTG AGAATGGGTT AGGCTCTCTA
250051 TTGAGCTCTG TCCAGGCATT ATTCATATG ATCCTGAAAA AACTAAAAAA
250101 AAAAAAAGAA AACACCAAGG TAGGCACTAC CACTACCAGC AGCAGCAGAC
250151 AAAACCAAG CTTAGGGGAG GTCAAGTCAC TTACCCTAGA TCACAAAACT
250201 ATGAACTGG GTAGTGGTG GTGCCATGT CACTTTAAT GTACTTCTTT
250251 TACTTTGTG AGCTCTTCTT TTCAAAAAGC ATCTAAAGAT TGAATGAAGA
250301 AATATACAAC AATTCTAAT AAATGTTTAA TGAAGAAAT TTGAAGGGA
250351 AAAATAGACC AAAACCACTT TCTTATAATC TCACCGACTG TGTATAATGA
250401 ATGGCTGCTC TTTGGTGGAT ATGTTTCTTT TCGAGAGAT CAACCCCTCAT
250451 CTGAATGCCT CCCTCAGTAT AGCTGCTGCT GGTCTTGTAG TATGTGCTTG
250501 GTTGTGAGT TCCTGTGGTC TGGCATGTAC CTAATGCACA CAGATTGGAT
250551 TGAAGATTGA AGTTAACCTC GCTTATCGAT GGCATTTTAA TTTCTTCTCT
250601 CTTACTACAT TATGTGTTTT TTATGATAGT GCTTTAAAGT CCAGGCTTAT
250651 AAGGAAAAGG AAACAATCTC CTATGCAAGT CCCCAGGGTT TCAGTGAAGC
250701 AGATGGCAGG AAGGGCTGG GCATGGTGTG TGTGCTGTG TTCAAAATTA
250751 TGTCCCATGC ACCCCAGCAT TTATTCCTTT GATGTTGGCA CTGGGCAAGT
250801 GATCAGATT TAAATTTGTG GTGCTGGTGG CCTTTTAGAG TAGGATAATA
250851 ACATTGGGAA AATTAGGTTA AGATCAATTT GTCATTTATT TTGTCGTAAT
250901 AAAATAGAGT AAATCTTTCA AAACAGATT ACCTAAGTTC CTTGAATTGG
250951 AGGAAGCCTC AAATCTAAAA CTTCAATTAAG CAACATCTTA ATATCACAGA
251001 GACTCGGGGT CAGAAAAAAT TTAAATGACA TATAAATTAG TAGAGTTTTT
251051 CGTTTGCTAT TCATTTTTTT TCCCGTTTTA TTGCCCTGGT ATTCTGAGTC
251101 TCTTGGTTCA TTCTTACGTG TGTATCATTT TGGTTTGGGT TATGAGTGCT
251151 CACTGGCATA CTGGTATACA AACTGAGAG CCAGTAGGCT GTTATTTTGC
251201 TGCCATTCTA TTGTGCTAG AGAAGTATCC AGGGAGAGGG TTGTTTGTGTT
251251 TTACTTGATG AGGTGCAGAA GTTGGGACTG TACTGAAAA CAGAATGCTA
251301 AAGAGCCAGC TCCAATCTAG GAAACATCCT CCAAGAGCAC CCCCTGAGAC
251351 AGAGTGTGAA TCACAGAAAG GAAATTAGAT TTTTTTAGCC CCAAATAAGA
251401 AAGATTAAAA CACCAGTAAA TTGTTTTACA TTGATTTTAC TAAGGTAGT
251451 TAGAAGTAAA GGCTTACAAA CACGTACTGT TTATTTAGTG ATAGATGAAA
251501 CTTAGAGGCG TTTCTTCTGT TGTAATTGGT TGGCTCTTTG CATTGATTAG
251551 AACTAGGTAG ACAAGTTGGT ACAAATATGG CAGGAGTGGG AGGGAATGGG
251601 CCCCTGTTGA TGTGTAGAA CATACGCGTG CATGTGGGGA CACCAGTGGC
251651 ATTTTCTGCA TGTTCGGGG TTTTCAAGA CTTGCCCTGT TCTGCACCTC
251701 TAAATTAGAC CTAATGTGAA AAATTTACAG GTCAGTTTCT GGGAGTGCTT
251751 TTCTTCTGAG ACTTTCCAG GTGAGCACTT AGATCCTGTG AATCCATCTC
251801 CGTGTGGAAG ACTTCCGTGA TCCGCTCTA TGCTTTAATT TTGAATGTCT
251851 TGCTATTTCA TTTCTTTGAA AATAAAGCAG TTCCACAACA TTACAGCCCT
251901 GTGCTGTCTA CTCATTCTCC TTTGGGGATT GCTTGTTTTA ATTGATTGAT
251951 TCACAGAGGA GAAAGAAAA CAATTTGTTG CTTTGGCAAG ATTGGTTTTT
252001 CTAAGGATGC TACTGTCTTG CTGGTCTAT GTGGCAGTTA GTAAGAGAAG

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252051 CTGGCTTAGC AGTTCTGAGG CTGACATGAA CATTGCTTCT TAAATTGAAA
252101 GGTGGGTGG GTGGATGGGT GGATGGGTGG ATGGGTGGAT GGGTGGATGG
252151 ATGGATGGAT GGATGGATGG ATGATGGAGA TAGATAAGAT AGATAGATAC
252201 TTGCAGCAAG CATTCCCAGA ACATTGTGTA CTCACCTCAC TAAAATTAAG
252251 CTGTTGTAT TTTGAGATGA GATGGCAGAT AAGGTAGATT CAATCATTTA
252301 ACATCCATTG CAATCTCCCG TCTGTGTCTT TTCCTGTCTT GCTGATACTA
252351 GAAAGCTGAA AAATCATCCC CTGGCAGCAA GGGTTCTGAA AATGACTAGC
252401 CTGTCAAGAT CACTTATGTA AGACTTGAAC ACAGAGCAGA ATTAAGTGGG
252451 TAGAGGGATG GTGTGGTCCA GACATCAGCT TGCTGGCCTG ACTGGCAGGC
252501 GAGCTGTGCC CAGAGCTGGC ATCGCTGTGG GGGCCCCATG GTGGCCCCCTG
252551 TAGCCCATGC TTGGAGGCAA TGTAAAGATG GGGCTCTGGT GGGGCCCTCTG
252601 GTGGCTCTCG TGTCTGTGTC TTGGAGACAG TGGTATGAGG ACAGGTTTCC
252651 TCATGTAGCA TCCCCTCTGT GCTGGTGTCT GGGTCTTGGG GGTATCCTCTG
252701 GAGGCACAGC TCAGAGGCTA TTCTTCAAGT CTCTCTCTCTG ATTTTATAAG
252751 TCCCGAATTC TTGTATAAAG TTACCTTCTA GTTAAATAC CCAGCATGATG
252801 TTCTGTTATC TGCACATGAC CTCCGATAAA TGTATACTTT TTCTTTTTTTT
252851 TTTTTTTTTT TGAGAGGAA TCTCACTCTG TCGCCAGGC TGGACTGCAG
252901 TGGTGCAATC TCGGCTCACT GCAAGCTCCA CCTCCCAGGT TCATGCCATT
252951 TCCTCGCTCT AGCCTGTAGC TGGGACTACA GGTGCCACC ACCATGCCAG
253001 GCTAATTTTT TATATTTTTA GTAGAGACGG GGTTCACCG TGTTCCACCAG
253051 GATGGTCTCA ATCTCCTGAC CTTGTGATCC GCCTGCCTCG GCCTCCCAA
253101 GTGCTGGGAT TCACGGCATG AGCCACTGCG CCTGGCCACA TGACCTCTGA
253151 TAAATGTATA TTTCTATGGG ACAAAATTTT AGAGTTGGCA AAGAAAATAG
253201 GTTCATCTTT ATGGACCTTG GGATCTCCGT GTGAACTCT CACCTTCCCT
253251 CAGGTCCTCC ACTCATCTCA CACGTGGCCT CTCCCTTAC ACAGGAAGGC
253301 AACTCTGGGA CGTTTGCTGA TGATGGCTCA TCGTGCCAC CCCTCAGGTG
253351 TGAAACCTCA GAACCATGTG CATTCTCTCT CATCCTCTGC CCCTTAACC
253401 ATTCTCCAGT TCTTACTTCC TGATGCTTGC TTCTTTTGAG TCTAACTTTT
253451 CATTACGCTC TCAGCAATCC CTGTGCTACG ACAGCCTCTG CTAAGAACTT
253501 CATGCAACTT GTCTTATTAT AGCCTCATAA AAACCCCTGTG GGAGGAAGGT
253551 TAGATGCCAT GTCCCAAGGC TGAACGTAGT GCTGGACTGG GCAGAGAGGC
253601 CTCAGCTCTG ACTGGTCTGA GCTGTGGGAG CTTTAGCTTT TTTTTTTTTT
253651 TTTTTTCTG ACACAGAGTC TTACTCTGTC ATCCAGGCTG GAGTGCAGTG
253701 ATGCAATCTG TACCTCGAAC TCCTAGGCTC AAGTGATCCT CCCACCTCAG
253751 CCTCCCGAAT AGCTGTGGCT ACAGGCTCAT GCCACCACAA ATGGCTCATT
253801 ATTATTATTA TTATTATTTG GTAGGGATAA GGGCTTGTCT GTGTTTCTCA
253851 GGTGTGCTC AAACCTCTGA CTTCAAGTGA GCTTTTTTTT TTTTCAATAA
253901 CAGTTTTGTT GAGTTACAGT CCATATACTA AATAACTCAG CCACTTAGAT
253951 GTACAGTTCA TGGGTTTTTA ATATAGTCAC AGATATGAAC AGCCATCATC
254001 ACACATAAAT AAGGAACATT TTCATCACCT CTAGGAGAAA GCTTGTGTTT
254051 GTCTGTTTTT GCTTTGGTTG CCTGACTCTG AGGTCTTACT CAAAATCTT
254101 TGCCAGACAG AGTGTCCTGA AGCATTTCCC CAATGPTTTC TTCCAGCAGT
254151 TTACACGTTT CAGGTTTAAC ATTTACATCT TTAATCCATT TTGACTTGAA
254201 TGCTGAGAGA TAGGCCCCGAG TATGTACAGC TGTATGTAT CAGGTTTTTA
254251 AAACAGGTAA CCTGGTACAC TTGAACAGCC CTAGCCCCCT GCCCTAAGCA
254301 GCCACTTACC TACTTCCCAT TTCTATAGAT TTGCTTGCTC TTCCCATTTT
254351 TTGTAAATGG AATCATACAT CATGCAGTCT TGCATGTGTC TGTCTTCTC
254401 CACTTACGAC AGTGTTTTCA AGGTTTATCC ACATCCATGT ATGTGTGCTT
254451 CATTCTGTTG TATGATTGAA TAATATTCCA TTGTATGGAT ATACCACATT
254501 TTGTTTATCC ATTATCAGT TGATGGACAT TTAGGCTATT TCCACCTTTT
254551 ATGTCTATG ATAAATAATG CTGCTATGAA CACGCATGTA CAAGTTTTTG
254601 CAAGGATATG TGTTTTCATT TTTTCTGGG TATATGCCCA GGAGTGAAAT
254651 CACTGGCTGA ATGGTAACTG TATGTTTAACT CTCTTGAGGA ACCATGAAAC
254701 TGTTTTCCCC AGTGGCTGCC TTATTTTACA CTCTCACCAG CAGTGTGGAA
254751 AGGTTCTAAT TCCTCTACAT CCTTGCCAAT GCTGGTATGT GACTTTTTGA
254801 TATTATGTGA TGTATGTGA CTTCTCGCTT ATAGCCATCC TAGTGGGTAT
254851 GCAGTGGTAT CTCAGTGTGG GAGCCGTGGC TCTGAACCCC ATTGCAGTAA
254901 TACCCTCTGC TCCTTAGTAG CCTCCTCAGT TCAATTTCCC CTTCTTCTT
254951 GATGGCAGTA GCTGATCCCT TTTGTTTCCA GGGCCTTCAT CAATAGATTG
255001 CTACCTAAGA GGGTTACTAA AGTACTGTTT GGTCCCAAGA CTTCTTGAA
255051 CAAGGCCATC AGGAAGTTCC CCATTCCCTA TAGGGTGTCT CCTGCATTTT
255101 GCTGGGGTTA CAGGTACCCC ATTATTGGCC TCAGCCTTGC ATTCTGCTTT
255151 TCTCTCAGGC AGACTTCTG ACCAATGAGA CTGGTATATG TTTTGCATCC
255201 TGTACATGCT ATGTATTTTG ACACTTCTCT TTCTTGATCC CTTTCTACC
255251 CATATCATCC AGAAGGGACT TTGGTGCTGC TACAGAAATTT ATTATTAGTA
255301 ACACACACTT GGCATAATT CATTGCTGTA TGTAGTTGT CTATTTTGAC
255351 TTTTGTCTGT GTGTACCAA AATGCATATA ACTTATAAAA GCCACAATAA
255401 AATAAGTATT TTTTCTAAT TCCCTGGCTA AGACACTCAG TCTTTTCAAG
255451 ATCCCTGTGT ACCTAAGATC ATATCCTCCT TTCTATCCCA CAAAGGTAAC
255501 TAATTTTATT AATTTTATCA TTCACTTGTG TTTCTTCATA GTTTCTATAA
255551 TGAATCAAAT TGCTTATTTG CTCCATAATC AAGTACATGA AATTTGAATG

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255601 GAATTGTAGT CTATTATTTT CTGCATTATG AGTTATTTTG TTCAAGGTTA
255651 CTTGAGTTTA CTCCGTGTGA ATTCTGTAG GTGGAGTGTA TTCATTCTCA
255701 CTGCTACATA AAGTTCCATT GTATGAATTT TACCTCAACT TACTTTATTA
255751 TTCTCCTGGT GATAGACATT TGGCTTCTTG CCAGATTTC AAGTGTACAT
255801 ATGATGTGGC TACAAAAATA GTAAATGTCT TGGGCAAAAT TGTTTTGGGA
255851 CATAAATACT GGGAGTAGAA TTGCTTAGTA GTGGGAGTG GGCATTTTAA
255901 ACCTTCACTAA ATAATGCAAA CTTATATCT TAAGTGAATT ACCAGGAGTT
255951 TATAAAAAAT TCCTTAGATC TACATTCTTG CCAAGACTTG TATTTTCAAT
256001 TTATTTTAAAT CTTTACCAGC CTCGTGAATA TTAAATGCTA TCTCCTTTCT
256051 CTAACCTTAT ACTTTTCTTC TTGTTAAGGA GATGACATTC CTTATCTTTA
256101 GCAATGTGTT TTTGCCTTAG AGGCTCTTAT TTGATATTCA GTTGGCTACA
256151 GTGAGTTTCT TGTAGTTAGA ATTTGCCTGG CAGATCTTTT ACCTCCTTTT
256201 ACTTTTGGCT TTTCTGTATT GATTTTAAAC ATCATCTAGC CAGATTTTGT
256251 TTGTTTTCTG TTTTAACTG CATTGAAGCT GGATAATTCA GTTCATTTGC
256301 ACAGAGGCTG TAGCGATTGT TAGCTGTGT TGGGGTAGG TGA AAAATGG
256351 GAGAGAGGAG TTTGCTTGCA GCCATTGTTC TGGGCAGCAT TCCAGTCCAA
256401 GATGGCGCCA GGATTCTCA CCTCTGGGG CACTCCCTCC ACCTAACCCC
256451 CGAGACTGCA GCTGGAATGA GTTTTACTTC CATGACGAGC TGACTTTAGG
256501 AAAGGGAGAT TATCTGAGCA GGCCTGACCT ATCAGATGAG CCGTTTAAAT
256551 CTGGGTGGAG AGAACAGAGA TAGGGGAAGC CAGGGAGATT TCAAATAGGA
256601 GTAGGATTTG ATGGACCGTG GCTGGTTTGA AGATGGAGGA GAATGCGTGG
256651 CCAGGAAGTA GGTAACTCT AGGTGCTGGG AGTGGCCCCC AAATGGCATC
256701 CAGCATGAAA ATGGTCCCT CAGTCTTACA GCTCTAAGGA ACTGAATCTT
256751 GTCACAGCCA TGTGAGTTTG GAAGAGGATC TTGAGCTCCA GATGAGAACA
256801 CAGCCTGGCT GATACCTTGA TTTTACACTT GGGAGACCCT GAGAAGAAAA
256851 CCAGTTATATA TTTGTCATGC AGCAATAGAA AACTAATGCA TTCATGTGGC
256901 ATCTGGGAGG TTTCTGTGCC CATGATCAGG AACTTCCAGA AGGTAATTGG
256951 GCATAAATAC CCAGCACTCC AGAGAAAGAT TCAGCCTGGG GATGGATTCA
257001 CCATCACTGT CACTAACAAAG CGGTAGAAAT GGGATGTGTG GGTGAGGTCA
257051 GTCAGAGAGA GTGAACAGGC AGGGAGAGGC TGAACAGGGA AGCCTGGACA
257101 ACATTTCCCA ATGTTGAATT GTGAATGATG GCCTGAGGGC CTGAAAATTG
257151 ATAGCTCAAG GCACTGTGAG TTATAAAAC TGTAAGTTTT ATCTCCTTGA
257201 TGAGTTATAA CTCCTTATG AGCTGAGAGC CCATTATATA CTGACTGTTT
257251 TCAAAAATAC CCAGTGGCCT CATCTCATAT TATTTCTCCA TTTTAAAAAT
257301 TCATCTTCCC TTCTTTGGGC TCCACAGCAC ATGCAGGCTG CTGTCTAGTT
257351 CCTTGGGTCA TTTCTGGGG AGTAAGGAAG AGAAATAAAT CCCTTCCGTA
257401 GGAATATCTT ATGGTAGGCA TGGAAAAGTA GAAGAAAATG AGGTATCTGT
257451 TTTTATGATG TCCTAGGCCC ATTGACCACA TCTTGGGCCC ACAAGGGGTG
257501 TAGACAAATG AGTGAGAAC ATCAGTATAA AGTCTAGATT AATTTTATCC
257551 TATACCAGTT CAGGAAACCA TTGCCTCTTC CGGTTCTTAG GTGTCTTCAA
257601 TAAAAAAGAG TTATCAGAGT AAACAAGTGA TTGAAATACT ATGTGTCAGA
257651 CCTTCTGCTA GGACCTGTAG AGTAAATGTC ACCCTAGATA GGCAGATTTC
257701 CTGCTCTCCC AAGCTCTGTC ATCTATCAGG AAGTGTAGCC TTTAAACAAG
257751 CGCTCTGAAG AAGCTGTGAT AAATGCTGGG TTCTCCATTA TTGTCTCTC
257801 TGAAGGCCAT TGGTAACCTG GAGGAATATT CTCCCCTAA CAGGAGAAAG
257851 CACAGGATCA AAAAGAAAAA CTTCCTTCA TTCTTCCAGT TTCTCTTAAT
257901 CATTTTGCCT TTTACTTCTT GTCTCTGTG AGCACGTGTC TGTACTGTGA
257951 AGTACAAATG GACCCAGAGG TTTCAGGCAA AGCCTGAGTG AGGCGCTGCA
258001 TGCCTGTCTT GCAGGTGAG GCTAGGAATG GTGACAGGGC TAGGAATTGA
258051 CCATTGCTCC ATTAAGAGTG ACCAAAGTGG AATCTGAGTC CTTTTCAGGC
258101 CCTAGTTTCA GTCTGTGCTG ACTCTGACCC TCTGAGATGA CTATTCCCAA
258151 ACCTGAGGGA CCGAAGATCA GCATCAAGGA CAACAGACAG GGGTGCTGGG
258201 GTGCAGATGT AAGTGAGCTG GGTCTTCTGG AGCGCTGGTC ACTGCATGCT
258251 GTGGGTATAA AATGGCTGTC TAGTGGAGGC AGCCAGGCTG CTGGGAATGA
258301 CTCCAGGTAG ACCAGACACA TGATTCTTCT GTGCCTTCAA CCCGATGCTT
258351 TCAAGTGGCG TGCCTTAGCT GTGGACATTC TGACCCCTGCC TTGTTGAATG
258401 CTTTTTGTAT TTTTGCTCAG AGAGAGAAAT CAGAGTGATT TCTTTTTTGT
258451 CTTATAGATC AATCTTGTAG CTTTAAAGGC AGCTCTCCAT AAGGACCACA
258501 AAAGATCAGT CTGATAGCTA GATGTCACAT GCTGTGGCAG AAACACTCCT
258551 ACCAGCATAC ACTCATTCTG TACTAGGAAC TATAGTAGGA GTTTTATTTG
258601 TGTATTTTAT TTCATTACCA TGGCAACACC ATTTTCTCTG TAAGATGACT
258651 GAAGCTCAGA AAGGATAGGT AACTCAAATA CCATTGCTAA ATATGTTTAC
258701 CTTTAGTATG TAGATAGACA CGCATTGAGA AGAAAACGAA GGTGAAATAT
258751 TTTGGACCCG TTTGTTTCGA ATGCATCAGT GGTGTTTATT ATTTAAAGAA
258801 ATTCTTTAAA GAGAATGATT TTGTAAAGAG GATAATTTTC TAATTTGTGT
258851 CAAGCAGGTT GTAATGTTTT GTACAAGTAC CTGAAGTAGG GTACCCCTGC
258901 TGAGAAGGTA GTAAAGTGTG GCTATAGCTA CATGTAAATG TAACCTCAATG
258951 TGTCAGGTGT CCCTGTAAC AAAGGCGCAA AAGTGTGAAA AGAATGGCAA
259001 GTGAAGGGCA CCTGGACGGT GGGCATGTTT GTTTCTGTGT GCCACTGCAA
259051 CAGATTACCA CAAAGGTAGT GGCTTAAAC AACAGTAAGT TATCTCTTAA
259101 GGTTCGTGCG GCTCTGGGGA GAATGTGTCC TTGCCTTTTC AGCTCCTAGT

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259151 AGATGCTGGA TTCTGATGGC TTTTAAAAA TGATAAATTC CTCGGCTTGT
259201 GGCCCCCTCT CTCATTTTCA AAATGTATCC CTTCATTCTC TGCTTCTGTT
259251 GTCACATTGC TTTCTCCAAT CCTGCAGTGA AATCTCTCTC TCTCTGTGGA
259301 CACTTGGAAT TCCATTTAGC GCCCACCCTA TCTCAGATCA TCTCCCCACT
259351 TCAAGATCCT TTACTATACC TGCACATTTC CTTTTTGCCA CCTAAAGTAA
259401 CATTTATAGG TTTTCAAGGAT TAGGGTGTGG ACATCTTTGG GGGCTGTTAT
259451 TCAGCCTACT ACAGTTGCCT TGAAAGGATA TAGGAATTAT CAATCCAGG
259501 GAGTCCCTTT CATAGCAAGA GTGCTAGATT TTTGAGGGTC TGGAGGTAAA
259551 AGACCCTGCA ATAGGGCAGG AATGCTGGGA GGAAGGCTCC ATGGGGAAAA
259601 GAGAACCACC CCAAGGAGAA GGAGGTGCAG TGGACAGATA CATACATGTG
259651 TACATTTCCAG CCTCATTTTT CGTGTCTCTG ATTTTCCGTG TAGTACCTGG
259701 TGTCTTTAAT ATCATATCCC CGTCCTTCTC CATCAGGGGT ACATGCATGC
259751 ACGTGATGTA GAGCTGGGGT AAGCAAGCCG CAGAGCAAAC CTGGCACATC
259801 TCAGGGTGTG TTTTTTCTCA GATCTCAGAA AATAGCATTT ATATGTAAAT
259851 TAACCTAATC ATGGTGTGAT GGAGAAACCA TGAAATGATA AATAATCAAG
259901 CTTAACCTTT ATGTGACAAA CTTTGGTAGT CTTGGAAATA TTTTGAATA
259951 TATTGGAACA TTACAGAAAG AAGTTTAGAG AGTTTTTTGG GGTGTTTGG
260001 TTTTCAAAAA CATTAGGTAC CACAAAAATG TGTGGCCAAC CAGGAAAGTG
260051 ATTTTGGCAG CGGTTACTAT TTGTGTTCTC TTTTGTCAAC GCCAAGGGAG
260101 CCGCCCCATG CCAGAGCTGT ATTTGCATTA CTGAAAAGCA AATATCTCAG
260151 GCCTTTTGAC AACACGATAC ACTCTCACAT GCCCTGGAGA CTCTGCGTGT
260201 GAGATGATTG GAAATGCTCA TGGCTAAAGT CAGCCATTAT CCGGAATAAA
260251 CTTTCCAGAG GAGAGTTTTT CAGAAACACA CCAGGGACCA GTAATAAAAC
260301 ATAACTATAA AAATGTCCTC TAGCAACCAA AACACATGGG ATGTTTTTCT
260351 ATATAATATT TCACATTAAG CGTAATTGTA GATTAACTTT TATAGAGAAA
260401 ATATTTTTTC AAGCCAGATA TGCTTAAATC CTTTCATTTC CTCAGTATG
260451 ACTACACCTG GCAATATATC TCCCTTTTGT AATTTCTTAC CGATTGCCC
260501 TAGTTATGAA TGGAACATTA ACTCTGCGAA ATCTACATAT GGAAACGAC
260551 CCCAGATGAA AATCTTAAAC TGGCCATATC CCTAATCTCT GAGTCCAAGC
260601 CCGTGTCTCT GGTCTGGGCA CTGTGGCTCA CCAGGTAGTC ACGTGACCCT
260651 ACTCACCTGT GCAATATGCCC CCACGCTTCT CAGATCCCAA GCTCAAGGGG
260701 GCGTTGAGGA TCAGGTACCC CACAAGTTCC CTTCTGCCCC TCAGCTTGCA
260751 CGTGGCTCAT CTGTCAAGGA ACCACATACT GTGTCAAGAT TTGTTAAAGC
260801 AAAAACCGGT TTTTATAGTC TTTATAAAAT GTAAAACTT GGAATAAATG
260851 TAACAATATC TAAATTCCTG GTGTGAATGA ACAGCAGCTG TAGTGACAAA
260901 GGAACAGGT CTTGAAGTGA AACCTGCCTG GCTTGAATTT CTGCCTCTGC
260951 CACTTACCAG CTTTAGTCTT TGTGAAGAA ATTAGCTGGA ATCAGGAGTT
261001 TTCTCATGGG TGAAGTGAGG ATACCTCATG GAGAAGTCTA TGCAAAAGTA
261051 AGGTTCTCAG CACAATACCC GGCTAATAAT ATTACCTGCT TAGAGAGTGG
261101 GGGTAACAGC AGGTGCAATG TCATGTCTGC TGTTTTAGCT ACACCAAGCT
261151 CCATCCACAT CTTGAGTTGA TGCCGTGAAT AAAGGTCATA TTACTTTTCA
261201 GTATTACTGG GGATATTTGA TCCATGTGAT GGGCAGATAA AATGTCTCTG
261251 TCTTAGAGAA TAAATGGACT TTTTAGGTAG CCAGCATTCG AATGTACTAT
261301 TGTTAGCAGA CATTTGAGAT GGCTTCTAAA AACCCTGCAA GTGAAACACC
261351 CCAGGTTTGG AGAAGGGGGG AGCACCGTGT CCCAGGTCAC AGGGCTGTCT
261401 GTGAACAGAA TTCACCTGTA TCCCCTATCT CATCTCTGTT TACCCTTGCA
261451 GACTTTTGTG TTAGCATCTT CATTGCATCC TGAGTGACGG GAAATTTTGT
261501 AATTAGCAAA TGCATCTGCA TATAGAAGTG TGTGCCGAA ACTGCTGTGC
261551 TTTTAGTTCT CATATGCGTG CTCCTTGGA AGTGACTGTT AGTAACATTA
261601 ACTCTGAAAA CCCTGTTTTT CAGATTGCAA ACGTAACTTC TTTCCAGGTC
261651 CTATTAAATG GAGATTTTCC TCTTGCAATC TTAATAAACC AGAGCTAACC
261701 TTGGAGTGGT GTCTCTTTCT CTCCACCTCT CTCTCCCTTT CTCCTTCTCT
261751 CCTTCTCTCT CCACTGTTTT TTTCCACCCC TCCCCTCTCT TCCTTCTCTG
261801 TGCAAGATTT CAGTCAGTTT ACTGAATTGC CTTTACATGG CTATGACCTT
261851 GAATTGCTTC TGTAGTTTCC CCGTGTCTCT TCCACATTTT TTCATTTTAG
261901 GACTACAGGC TAAGCATACT TAGTTATTAC CTTGTAATAC ACAATCAAGA
261951 TAACCTGGCC TTGGTTTCTG TGAAGTATC TCAGCCTCCC TGCTCTCTGT
262001 CTCGCAGAGA ACTAGGGAAG GATGGAAAGT GACTAAAGGT ATGGAATGCC
262051 TGAGGCATGG CCAGGCCAGG TACTGTGGCA CATATTTTCG TATGTTGTCT
262101 CATTTAACCC TGATTCATAC CTTTTAGGAC AGGTCATGAT ATTCCCATTT
262151 AACTGCCTTT TAAAGAAGTT GAATGTCCAC TGGGTACAC TTGGAGGGTT
262201 TAAGATCTGG ATTTGGGTCT GAGTCCAACC ACGATGTGAT TTATATGGAC
262251 TGTGTGCGCA CACGTGTGTC TTTTCTCTGG TTTGGTGTG TTATTTCCCT
262301 GGCAAGGTGT GCATGAAGTC GGTCTGCCCC TACACCTGTT GGCTGTTTTT
262351 GTTTGACTTG TGTTTACACT CCTTTTAAAG ATGACTTTGT TAACTGAAA
262401 AAAAAAGCT GAAATGTTGA TCAGGTAGCA GATTTGCAGG AGACCTAGGT
262451 ACTCATCTAC CTAGCACTTC CTAACTGTA GTTAAAGAAA CATTTGTCGG
262501 GATGCTAAGT GTAACGTGGG GGAAAAAAT AGCTCTCTGT GCAATAAAT
262551 TTGTATAATT GTTAAATGTG ATTGCTTTCC CTCTGAGTCT TTAATCTGAT
262601 AATGTGCATT CTGCCAGAAG GGAATGTAGT ATACTGCACC TCCCAGCTT
262651 GTTTTTGTTC ACATCTAATC TAATTTATTA GAAAGCAGCC TGGCGCAGTT

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262701 GTGCATGCCT GTAATCCCAG GACTTTGGAG GCCGAGGTGG GCAGATTGCT
262751 TGAACCCAGG AGTTTGAGAC CAGCGTGAAC AATATGGTGT AACCCCATCT
262801 CTACAAAAAA TACAAAAAAT TAACCGGGCA TGGTGCCGTG TGCTGTGGT
262851 TCCAGCTACT CTGGAGGCTC AGTTGGGAGG ATTGCCTGAA CTCAGGTGGT
262901 TGAGGCTGCA AGTGAGCCGT GATCATGCCA CTGCACTCCC GCCTGAGTGA
262951 CAGAGTGAGA CCCTGTCTCA ACAACAACAA CAACAAAATT ATTAGAAAAGC
263001 AAAAGTCTCT TTAAGACAGG TATGTCTTCA ACTCTATCAA GTTGGCTTTT
263051 GTTTTGAAGA ACAAAGGGA ATCATGGCTT GGCAGTTTCA GCTATGTGTG
263101 GGGACTACTT TCTATTACAC TGGTCCTGCT TTTACCTCTG GTGTCTAAAA
263151 TGTAATAAAT ATGTGAAC TAAGCTCATG GGTAGCTTCA ACTCTGCTTA
263201 GAGTTTATAG CTTCAAGTGG CATGATATCT GTCACACTCA CAAGTAGTAT
263251 CCATTGCTGA TTTCTCTTTG TGGTTGAGCT TCTTTATTTT ATTCTATATT
263301 CTTACTTTAT AATTTTTCAT GTATAATAGA CCAAATGTGA TTGCCATAAA
263351 GAAGGCCAAA TGTAAGATCC ATGCCAGTT TGCTTATTCT GGAAAAGCTT
263401 ACTATTAGAG CTGGGATTG AGGAGTTCTT AGATTTTAT TATGTTTGA
263451 TTTTTTTTAA GGAAGGAATA GGCCAGGCAT GAGTGGCTCA CACCTGTAAT
263501 CCTAGCACTT TGGGAGGCCA AGACAGGAGA ATTACTTGAG ACCAGGAGTT
263551 GGAGACCAGC CTGGGAAACA AAGTGAGACC TGTCTCTACA AAAACTCAAA
263601 AAATTAGCCA GTTGGCGGC ACATACCTGT GGTCCAGCC GCACGAGAGA
263651 CTGAGACAGG AGGATCACTT GAACCTGGGT GTTTGAAGCT GTAGTGAGCC
263701 ATGTTCTCTC CACTACACTC CAGCCAGGTC GCAAAAAAGA AAGAGAGGGG
263751 AGGAAAAGAA AAGAAAGGAG AAAGAAAGAG AGAGAGAGGG AAAGGGAAAA
263801 GAAAAGAGAA AGAGAGAGAG AGAAATAAAA GAAAGAAAAGA AAGAGAAAAGA
263851 AGGAAGGAAA GAAAGAAAAG ACCGGAAGGA GAGAGAAAAGA GAGAAAAGAGA
263901 AAGAAGAAAG AAGGAAAGAG AGAGAGAGGA AGGAAGGAAG GAAGGAAGCG
263951 GGAGGAAGAA AAAGAAAGAA AGAGAGAGAG AAAGAAAGAA AAGACCGGAA
264001 GGAGAGAGAA AGAGAGAAAG GGAAGAAAGA AAGAAGGAAA GAGAGAGAGG
264051 AAGGAAGGAA GAGGGAGGAA GAAAAAGGAA GAAAGAGAAA GAAAGAGAGA
264101 GGTGGGAATA AAGATAAGGG TTAAGCCAT AACAAATAAA ATATTGATCA
264151 ATTGAACCTC CGTGCCCTGT ATTTTTTCAA TTCTCTTCCC AAACACTTTT
264201 GGCCAAAGAA TGCTTTTTAT TTGGGGTAAA TGTGTGCCAG CCTTAAATTT
264251 TCATTTTTCT GGGTAAGGGT ACTAAATCCT AGAGTGCTGA TATACGATAT
264301 TTAGGCCTCA CCCATTGGT AAGTGGAATG TGCCTGTTGA TGTAAATCAA
264351 TTCACAGAAT GTGGAATATA ACACCTCTT GGTAAAAAAA ATAAGCAGAG
264401 GATTGTCTGG CAGAATCCAA CTAACACTCG CAGAAATGAA GCACATGAGG
264451 TGACGAATAC AAATGGGTCA CTTAGAACTA GGAAATCCA TTGTAACAGG
264501 GCACAGAACT TGTTCTTTTT AAGCAAGAGT CTTGCTAACA TCCACATTTA
264551 TTTCATTATC ATTGAAGGTC TTCGAAAGCT TAAGCTCTGA AAATGGAAGT
264601 GGTGTAGTTG AAGATGATAA ATGGAACCTG GGAATTAGA CTGCTTCCAT
264651 AGGTGGGCAG TGTGTCTCTT TTTTCAGGAC TCCGGGGTCC CTGAATTGTG
264701 AGTTTTCCCT CACAGCCTCT CCACATTCTC TGTGCTGTTT ACCTCCCACC
264751 CACTGCTCTG TCTTCCCTGT GTTAGTGAAA AATCAAGCTT TTCCCTCCCT
264801 AGCCAGAGAG CTGAGCTTT TCCCTGCTTT ACTACTGTGT TTAGGAAAAG
264851 GAGGCAGCTT TTTCTAAAA AGCAGTGTTT GGAAGTTGGA GGCACGTATG
264901 ATGCTTTCTG GGCTGTTATC TCCAATATCC TTGCTAGATG AGCAGCCTCG
264951 CATGTTGGGA AAGAATCTGT ACCAGAATTC GGAATATGGG GCTTGTGGCC
265001 ACGTAGCAAT GAGTCACTG ACCAGCTACA ATCCCTGGAG CAAACCATTC
265051 ACACTGCAGT CCTCTGTTTC CTGCTGGTGA TATTCGAGGT AGTGGCCATG
265101 TGAGCTCCAA GCTATGATTT GTTGTGTGTC TGAAATCTTA TGTATTATT
265151 AAATTATAAT ACCTCAGATA AATAAATGAA ACATCTCCTG AATTTATTCT
265201 TAATATGTAA TTCATGGCCA AGAATATTAA CTGATGAAGT GAATCATTTA
265251 AAGAAGGACT TTGTAATTTT TCTGTGGGAT TGTATTTCAC CAGAAGTGCT
265301 TCAGTTCCGT TGAGTCCTGT GTGATGTACT TCAGCTTGTC TGTGAGCTGA
265351 GCTGGTCTAA CACGCTAAGT GATAACAGAA TGGATTCTGT GTTTTATGAG
265401 TCAGTCAGCA AGATCTCAAA GGGATAACAA TTAGGAAAAA TATATATAAT
265451 TTATCCCAGT AAAAGAAC TAAGCTATTGCT GAAAAAAAGT TGTACCTGT
265501 ATTATTGCTT TTTTTTTGTC CCACAGGTGT GAATAAACCT GGAAAGCATA
265551 AACATTGGTA AGTTATTGAA ATTTATTGAA AATATAGTAC AAAACTCCCA
265601 CCCTTCTTTT GTTTCCACCC AAAATGTAGA ATTATTATAG TTGGCTGCAG
265651 TTTTCTTAT ATCTCAGTGG TGTAATTTTC CCACAAGTAA GAAAAGTAA
265701 TGGGTAGTAT CTAAGAATAA GAAGCTATTA AATAGCAATT TTACATGCCT
265751 TTATGATGAA ATACTACAGA AGATGGGAAC TGTGTGTCGT GAAGTCATGG
265801 AAGTCTTCAA TGACTAATAA GGAATAATC TGGCTGACAG CAGGTGTTCT
265851 GATTAACAGA GAAGTTATTT CATAGCATAA TAAAGAAATG CATGAAGAAT
265901 TATATTGTCA AAAAAACCTA GCCAGATTTT TTTGAGCAAA GAGGGGTATT
265951 TCCACCCCGG ACTGCCCACT GTAAGAATAA GAGACGCTTA TTGTAGGATT
266001 GGGAAACAGT GAAGGAAATA GAAACCGCTA ATGGTATCAC TCTCTAAGG
266051 GGACTACTGT TATTTCTCTT TAGGCACCTT GTGTTCCGAT ATACATACAC
266101 AGGCATGCCC ATACCTGTGT GTGCATGCGT GCTTCATTTT TCATGGTGTG
266151 CTCTGTGTAC ATTTTTTGCA AGGTCCAATA GGCCATAAAT GACAAAAAGA
266201 TACTGGGAAC CTGTCATTAG CACTCTAAG TTGTATTCTT TCCACCAGGA

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266251 ACCTTTGCCT TTTAATTTTA GTCATTTATA ATTTATTCTG CTCTTCATGC
266301 TTTGTGCGCC CTCTCACATA CTGGATTTTA ATAGTTTTC CAAAGCAGGT
266351 GGTATACAGA AGTTGAAAAC ATTGTATCAC TTAATCTATT TTATACATGG
266401 GCCCATATTA AAAAGCAAAA AAGTCATTCA TGGTCTCAGG AAGTATCTTG
266451 AGAATTCATC AGTTCCATCT CCTTTCCTCA AATACAACTG CTCAGATCCT
266501 CTGAACTAA GGACCTCCTG AACACAAAAT TATAAACAC AAATAGTGTT
266551 TAACACCCCT TGATGTCAGC ACCTTTTTC TTCTGCCTAA CTTCAGTACC
266601 TTATGGCACA GCTTAACCCC ATTTCCTTTT GATTTTGTG CGTTGGCGAT
266651 GAGGAACAGC TGGTTACCTC TTTTGTAAAA ATGACCTTTT CCCAATATAC
266701 AAACAAGATC AAATTACCCT TTAACCTTCT CTTTATGTTA CATTTCTTCT
266751 TTTTATCCTT CTCTTTTACC ATGAAAAGCT TGCTATGCAC ACCACATAGT
266801 GCCCAGCATA TGGTCTGCAT TCAATAAATG CCTATTCGAC TGAATAAACT
266851 TCAGTATTCA TTGGTAATTG CTGGGTAAT AAAGCATCAC CCTCCTTCCT
266901 AATTACCTTC TCCCATTCCA CCCACATTCC TGTACTGGTC AGTGCTACTG
266951 GGAAGGCTT TGCTGCCAGC TGGGAGTAGG AGCTAGGCCA TTGCTGAGAC
267001 AGCACTTGCA AAGGCCATTT GCAAGGACTT GATCACATCC TTACTTTTCC
267051 CATCTTCAGT TTATGTCTGG AGGATAGGAA GTGAGTAGTG AACTGAACAC
267101 AGAACAGTAG GTAACAGGTT TATCTCTTTT CAACTGATAT AGTACTTTAT
267151 AGTTTACCTT GCCTTTTAGT TCTTAGCAAG CATTTATTGA GTGCCTACTG
267201 TGTGCTACCC AGTGGGCAAG TGCTAGAGCT TCAAGGTTGC TTAAAGCAAC
267251 CCTTGCTTTT AGGGAGCAAC AGCCTAGTAG AGGGCCTGGA ATGTGACAAA
267301 AAATCATGAC ACATTGTGAT AAGGTTTCTT TTCTTTTGA GATGGAGTTT
267351 CACTCTTGTT GCCTAGGCTG GAGTGCAGTG GTGCAATCTC AGCTCACTGC
267401 AACCCTCCGGC CCCCAGATTG AAGCGATTCT CCTGCCTCAG CCTCCTAAGT
267451 AGCTGAGATT ACAGGTGCAC ATCACCACAC CTGGCTAATT TTTATATTTT
267501 TAGTAGAGAC GGGGTTTCAC CATATTGGTT AGGCTGGTCT TGAACCTCTG
267551 ACCTCGAGTG ATCCACCTGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG
267601 CCTGAGCTAC CATGCCTGGC CGTGATAAGG TGTCTAATAG AGGTGAGACC
267651 AAGGCACAAT GGTGGCAGAA AGGAACAAGC GATCAGTTCT ATCTGATGGT
267701 CAGGTGAAAC TCCAGAAAAG GTGGTTGACT TGGTCTGTAG CACAGTACCT
267751 AAAATGTAAT TTATTTAATA TGGTTCCATT CCCCTGTCTT GAAGTGGAAT
267801 ACTGGTCTTC TGTTTTGAA ATCTTATTGC AGGTTGCTGG CTGGCTAAAG
267851 CATTGAATGG CAAGGAAGAA ATGATTTTAG ATGTAGCTGA AGAGTTAGAG
267901 GTCATATCTT CGAGGACACT GAAGGAGAAA TAAGGGTTGG AAGTTTTTGT
267951 TTTCTGTTTT GAGACAGGCT CTTGCTTGT TACCAGGCT GGAGTGCAGT
268001 GGTGTGATCA TAGCTCACTG CAGCCTTGAC CTCCTGGGCT TGTGCGATTG
268051 TTCCACTTCA GCCTCTCAAT TAGCTGGGAC CACAGGAGAG CACCACCACG
268101 CCTGGCTAAT TTTTAAACT TTTTGTAGAG ACAAGGTCTC ACCATGTTGC
268151 CCAGATCGGT TCGAACTCA TGGGCTCAAG TGATCTTCTT ACCTCGGCTT
268201 CCCAAATTGC TGGGATTATA GCGGTGAACC TCCACACTGG CAAGGGTTGG
268251 AAGTTCTTAT GTTAGAAAAA AAAAAGTAC AGCAGGAGGA GGATGAATGA
268301 GAGGAAGGTA AGTCAGGAGG ATAAGGGAAA CAGGAGGCTT TTTGTATAGT
268351 CGTGCACCAT ATGATGACAT TTTGGTCAAT AACAGAACAT ATCAACCATG
268401 GTGGTCCCAT ACGATTATAA TGGAGCTAGA AAATTCCTTT CACTTGGTGA
268451 CGTCGTAGCT GTTGTAAATG CTGAGTGCAA ATACTTTATT TTTTATAAAT
268501 TTAGGGTAGC CTAAGTGTAT AGTATTTATA AAGTCTACAG TAGGTACAGT
268551 AATATCTTCA GTCTTCAGAT TCACTCACTA CTCACTGAC CACCAGAGCT
268601 AACGTCTAGT CTTGCAAGCT CTGTTTATGG TAAGTGCTCT ATACGCGACT
268651 ACTATTTTTA TCTTTTATAT CATATTTTTA CCATACGTTT TCTATGTTGA
268701 AATGTGTTTA GATACACAAA TACTTATCAT TGTGTTACAA TTGCCATCCA
268751 TATTCCAGTAC ATGACATGT TGTACACATT TGTAGCCTAG GAGCAATAGG
268801 CTGTACCATA TAGCCTAGGT GTGTAGTAGG TTATACCATC TGGGTTTGTG
268851 TAAGTGCATT CTATGACGTT TGCACAATGA CAGATTCTC AGATTGCATC
268901 CCCTTCATTA TGTGATGCGT GACTACATTC CAAGGGTGAA AAGATGGCCG
268951 CTCAAGAAAA GGCTGGAGAG GCAGTGGGTT AAGATAAGGA AAAATTTAGA
269001 AAGTAGGAGG AAGATTGAAC TTACTTTGTC ACAAATTTAT GTGGTCACAG
269051 AAGGCACTAC TGCAATGAAC CCTGTGTTCC TGGGTAGGAA TCATGTATTA
269101 ACTGAACGCG ACATGAGGTT GAAATGATTA TTTGTAACCT GTTGACTGTC
269151 AGACATTAAT ACAAGTGTGA CTTTGGACAC AAGTCTGAAT GAAGGGTCAG
269201 TGTAACTTTT CTGTAAGGGA TCATTTTATA AATATTTTAG GCTTGTGTGT
269251 CTCTCTGCAT CTGAATCTG CTATTGCTGC ACAGAAGTTC CCATGGACAG
269301 TACATCAATG AATGAATGT GCTCTGTGCC AATAAACTT TATTAAAGA
269351 AATGGACGGT GGGCTGGATT TGACCCGGGG CAATAGTTTT TTGATCCCTG
269401 GTCTAGATGA TTATCAACAG GCGGGCTCTA GTTGATCATG GGAGTGTGTG
269451 AGGGGGTGTC CTGTGTGAAT ATGTCCAGAC AGGCACCCCA GGGAAATATA
269501 CAGCGATTG TAGGTACAA CAAACCAGCA AAGAAAAATG AGATAACTAT
269551 CGATTGGGGA AAGACTAAAG TGGGAGAGTT TTCAGTGTTA GGGAGGGTGC
269601 ATGTGTTGAA GTCAACTGTC ACAGACATAA CCTGAGTGCA GAGATGATAA
269651 CCCACAGTGC TTGTGGGATT TGTGTGTTAG GAGGGGAGTT TTAGTGGAGG
269701 GTGGGGCAGA AGGAATTTTA AGAGTGAACA AGAGGAAGA AGTGAAGACA

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269801 GGAGTTCTAG GCCGTGTTTC CTGTGTGTG TCCCATTCAG AGATCATAAC
269851 TCTGCAAGGG AAGAAGGCAG CTATATTTAC TTCACTTTTA AATATGAGGA
269901 AACGGGTCCCT CAGGAAGTTA AGTGAATAGC TCAAGCCTGT GCCAAAACCTC
269951 ACACCTCAGGT GTTTGCACCT TATGTTTGTG TTATTTTATT TTATTTTTTA
270001 CTTTAGCCAC CTGGACCCCA GTTAATCTCT TTGGTGATTG TGTAAAAATT
270051 CAAGTTAAGC AAACCCTGTC TGGTTTGACC AAGAAGAGTC ACCTGTTGGT
270101 TTAGTGATCC CCAGTTGAGT TCACAGGTAA AAGCCACCCT TATAGAAGAA
270151 TCCAAAACAG ACTCTGTTTT TGCAAATTAT CGCTTTCTTT TCTGTGTGTG
270201 TGAGACAGGG TCACACTCTA TCACCCAGGC TGGAGTGCAG TGGCACGATC
270251 ATGGCTCACT GGAGCCTTGA CCTCCAGGCT CAAGCAGTCC TCCTACCTCA
270301 GCCTTCGGAG TAGCTGGGAC CACAGGCAAA TGCCACCACG CCTGGCTTTT
270351 TTATTTTTAT TTTATTATTT TATTTTATGT TTTTGAGACG GAGTCTCACT
270401 CTGTCTCCCA GGTGGAGTG CAGTAGCGCG ATCTCAGTTC ACTGCAAGCT
270451 CCACCTCCCA GGTTCATGCC ATTCTTCTGC CTCAGCCTCC CGAGTAGCTG
270501 GGACTTCAGC CCCTTGGCCA CCATGCCTGA CTAATTTTTT TGTATTTTTA
270551 GCAGAGACGG GGTTCACCG TGTAGCCAG GATGGTCTCG ATCTCCTGAC
270601 CTCGTATCC GCCCTCTCG GCCTCCCAA GTGCTGGGAT TACAGGCGTG
270651 AGCCACCACA CCCAGCCAAA CTATCACTTT CAGTTACAGA GATCAGACAA
270701 CATTTGTGT AATATGATG CCTTTTCTG AGTCTGAAGA CCACGTCGTA
270751 CATTAGGCAC ATGGCCTTGG TTAATCTCTG CATCACTTCC TGGTTGCAGA
270801 AGTGCTATTT TCATCTTACC AGTGAGAAAC TCCTTTTAGA GTGCAAGATG
270851 CTGTCCAGAG GAAGTAGGGG GCTGGGATTT AAACFCCAAT GTCCCCGAGG
270901 CTTCTACAG CTAGAGTAAC TGTAACATAA ACTGATGGCA AATCTCGGAA
270951 CGCAGTATG ACACCTCCCTC TTGTCTCTTG TTTTGATCAC ATTGTCTCTG
271001 CTTTTTTTCT TTTTGTGCCC CCTTCCCCC CCACACACTT CTTCTGGTAG
271051 TTGCTGTAGT TTAATCTTTA AGAAGGTTGC AGGGGTTTGG AATTTGTTAC
271101 ATCTGTCTTT CTCATTCTGA GGTCTACCAC CATGGCTGGG CATGTGAACC
271151 CAGCCAGTGG TAAATGATAA AAATATGCTG TGATTGGAAG GAGGTGGAGA
271201 GCGAGCAGGG AACACAGGAA GCAGAGAGGG ATTTGTGGTG AAGGGTGGGA
271251 AGGGGCTTGG GCCTGGAGGG CCCCAACAA GTGTCTGTGT ACCCTAAACA
271301 CTTCTGTTTT CAGCTGGCTT GCTTCTGCTC ACAGTTTCTC AATTACATA
271351 TGTAAGAAGT CAGGCAAAA TGA CTGGAAT CAAGGGCACA TGCCACTTGG
271401 ATCCTTGCCA GCTTTTATTT CAGGCTGACA ACTCTTTGGA TGTAATACAA
271451 GATTTATAGT TGTGTGTTTC TTCTAATGAG GTGGCAAGGT AAATCTGCAT
271501 CTGTTACAGC TGTTTGGCAC AGGATATATT GATTTATTTT CTAAAAGAAA
271551 CATGAAAACA TAAAAATTTT AAGGCTTAAA AATAGTGTAC ATTTATGTGA
271601 TGGTAAGTGA ACTTATCAGA AGTCAACTTA TCCTTGTTGA CTTATCCTTG
271651 TTACGTAAGT CCAACTTATC TTGTGTATGA GTGTGGGTGG GAGGCACGAC
271701 TGAGAGATAT ATTGACAGTG AAGTTGAGTA AAAGCTCTTC CATTCTCTTT
271751 GAACTTCTGG AGCAGGAGAG TCACATCATG GGATTGTAGC AGGGGAAGAA
271801 AATCTTCTGG TGTCTCTCTC AGGTGTCTGC ACAACCCGAC CTCATCCAGA
271851 GCCTGAACTG GAGTGTACGC CTTCATGGC ACATGCTAAT GCAGGGCCCA
271901 GGGCACCTTG GCGATGCCCT TAGGGAGGTT CCAGGAGGAG CTGCTGTCTG
271951 CTCATCAGGG GCTTTGAGTG TATCTCATAT ATCATAAGTG GAGCTTGTTT
272001 ACCTCATGCT CTTCTTTGAA TGGGAAATTC TGTCTCTAT CATTAAACTA
272051 TGCAGAATAG AAACAGTGTG GAGCAGAAAG GTTTAAAGAA GGAACCTAT
272101 GGATTTTTAA CTTGCTTATG TATAACTAAG TCAACTGAGA GAAGAGAGCA
272151 GTCTTAATAT AACGTAGAGG GAGGTTTTCT CTTTTTATTT TTTTAGCAGA
272201 AATTTTTTAG CCTGTCTAT TGCAAAATAA ATTCAACTTG TCTTGAGAA
272251 GAGCCACACA GATGGAATAA AGTGGAAGA CAGTTAAAAA AAAAAGCTTA
272301 ACATAAATGG CAAGGTAACC ACTGTAGCT TTATGTTATG AGGATTGGTA
272351 TGATGTATCC TATTTTATTT AAAGAGGAAT AAACCTAAAC TTCATGTTGA
272401 TGAAGTTGGC AGATGATCCT GAATCAGGGG AGATATCAAA AATCTGGAAG
272451 GACAGAAATA TTATAATCTC CTPCAGGAGA TTAAGAGTAT AGGCAGGAAA
272501 TAACAAAATG AGATACAGCT TGGAAAATGC AACTAATGC GGCTGGGAAA
272551 AAATAATGTA AAATGCAGAA CCTAAGTGAA CAGAAGAAAT GTGCACCAAA
272601 ATGCCAAAGG CAAGCAATAT TTGGATGTAT ACATTGCACA ACAGTCCACC
272651 ACAGTGGGCT GACCATTAGG GGCCACCTAC ATTGCTCATC CTCATAGAG
272701 AAAGAGGGCT GGGCGCAGTG GCTCAGCCT GTAATCCCAG CACTTGGGA
272751 GGCCGAGACG GGCGGATCAC AAGGTCAGGA GATCGAGACC ATCCTGGCTA
272801 ACACGGTGAA ACCCATCTC TATCCAAAT AAAAAAATT AGCTAGGCGT
272851 GGTGGTGGG GCCTGTAGTC CCAGCTTCTC AGGAGGCTGA GGCAGGAGAA
272901 TGGTGTGAAC CTGGGAGTG GAGCTGCAG TGAGCTGAGA TCGCGCCACT
272951 GCACTCCAGC CTGGGGGACA GAGCAAGGCT CTATCTCAAA AAAAAAAAAA
273001 AAAAAAAGA GAAAGACATG ATTATTTTGT CAGAAGGATG AACAGCAGTG
273051 TTTATTTTTC ATTTCCAAAA TTTCACCATT TAAGAGATAA GGAGATGGTA
273101 AGTCAGTCAT TGCAGAAAAG CGACATAACA ACAGGGAGTG TGGGACTCTA
273151 TGACAATAGG AATGATGAAT GTCTGAACTG AGACAATGTA GCAGGGTAAG
273201 TGGAAATAGT GGAATGAAAT GAAATTTAGG AGGGAAATC AACAGAGTGA
273251 AGATCCAACA AGGAGGAAGG AGAAGTTGAA GATGATTCTA TGAGCTTCA
273301 TGGCTTTATG GAGTGCATGG CCATTGTCAC TACCCACGAG AGGCATTATA

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273351 GGTGGAAATG CAGATTTGGC ATGAAAGATA ATGAATCCA TATTGGTTGA
273401 GTTGCTTAAA TTGGTTGGAG CTAAAGGAT GTTCAGCTGA TAGGAGTTCC
273451 TAGCATGTAA ATGAATATTA AGGTCTGACT GGGTTAGTGT GTCAGCTAAT
273501 TTGAAGTGTT GATGAGTGAT AGGAAATTTT ACATAATTAT GTTGTAGAGA
273551 CCTTTAGCGT GTTATCTCAA AAGGCTGAAA AATGTGAGAA CCTCAGACAA
273601 CTTGGTGAGC CAATGGAAGC CAATCATTTA AACAGGCGTC TTTAGATAAG
273651 ACTCTGCTTA TTCAACTTTC TTAATATATG CTACGGTATG ATAGATAAAG
273701 CTATGTGAGT AACCAGACAT TTAACAAACAC ATATTGTTTT TAAGAACTAT
273751 ATAAGAAAAT AAGTATTTTT CAGAAAGTGT ATGAGTTCTC AAATTTAGTT
273801 TTATCGGAAA AATCTTTGTT TGAGAAAATT AATTTAAAA TCATCACCAA
273851 TTCTCAAAAA TCATGGAAT TTTGATGAGC ACTGGATATA AGTCCTGCAT
273901 TCTAAGGAAG CTAAGTTGGA AGTCAGATTG TTGCCTCATT TCTTAAGACA
273951 TCGGGACTGA TGATCTCCCT GGATAGTAAT TAGCTGTTAA TGAGCACAGT
274001 ACCCAGACTA GAAGTGTCCC TAAAAAGCT GAAACATACA CTCGAGCAAC
274051 ATTTTAGTTG TGTGTTTGTG TGTGTTTAGA CAGGGACTTG CTTCTGCTCT
274101 CCAGGCTGGA GTGCAATGGC ATGATTATGG CTCACTGCAG CCGCAAGCTC
274151 CCTGGACTCA AGTAACCCCTC CCACCTCAGC CTCCTGAATA GCTGGGTATA
274201 TAGGTGCACA CCACCACACC CAGCTAATTT TTAATTTTTT TTTTTTTGTA
274251 GAGGCAGGGT TCACCTGTGT TGTCCAGGCT GATCTGGACA AGCAATCCTC
274301 CCACCTCAGC CTCCCAAGGT GCTGAGATTA CAGGCATGAG CCACCATATC
274351 TGGCCAACAT TTTAGATCTT AATTGAAAAC TTAGGAAAGT TGAATTATG
274401 ATCTTCAACT AAAATACAAC CTTCATAAAA TGAGGGCTCA ACATCACAGA
274451 ATTTGGGGGA AGGTGCTGG ACCCAGAAAA TTGGGTCTG GGGCAGTATC
274501 TGCCCCCTTT AGATGCATGA GCTTTACAAG GCTCTTGAGA TACCTGAGCC
274551 TGAGTCTATA ATGCCTGAGG GCAGGTGCCA CTCCTCCCTT TGACATCTTC
274601 GTTGTAGAGT TTCAGGAGGT GCAAATGTTC ATTGATGAAA ATTCCAGCAA
274651 CCTTCTTAC AGGTACAGTC ATGCATTACT TAATGATGGG GATACATTCT
274701 GAGATATTCTG TCATCAGGAA ATTTTATCAT TGTGTGAACA TCATAGAGTA
274751 TACACACACA AACCTAGATG AGATAGCCTA CTACACACCT GGACTGTACG
274801 GAATAGCCTG TTGCTCCTAG GCTACAAACC TATACGACGT TACTGTTCTG
274851 AATACGTGAT GTGATTGCAA CACAGTGGTA AGTATTTGTG TACTAAACAC
274901 ATCCTAAACA TAGAAAAGGC ACAGTAAAAA TACAGCATT TAATCTTATA
274951 GGGCCACTGT CGTATATGCA AAAACATCGT TATGGGGCAC ATGACTGTAA
275001 AAGTCAAAATG CTTTCATGTG CATATGAGGC ATATGAGATA ATATACATAT
275051 ATAAAGTAAA TTCTTAATGT AGGCAAAGAC CATGTGTCTC AGACAACAAA
275101 TGAGGGGTAC ACATGTGTTT CATCATAAAG AAGTTTACT ACAAGTTAGG
275151 GGCTAACTAG AAAGTGTGCT GTGTGCTTCT CAAAAGTTTT CTACTTCCTC
275201 CCCCTCATTA TTAAGTGTGC TCAGCTTATT GTCATTGTTT ATATTTAATT
275251 TTCAGAAGGG AGATAAATAG TATTCAGTCA TTCCTAAACA TATTGACTT
275301 AATTAATCCC CCCACACAC CCCACTCCAC TTTTCTCTCT CTCTCTCTCT
275351 CTCTCTGTCT TTTTTTTTTT TTTTATGGT AAATCTTTTG GATCACTTGT
275401 TCTGAAGGAT ATGAGCTGGG AACTCATGAC CAGAGATTCT AGAAAAGATG
275451 GAGGAGGCAG TTGTTTGGGA AATGACCTTT GGCAGTGTAA GAGAAGTTTG
275501 TCACCCCTTC GAGTCTGCAG CATATGGGAT GTGGGAGGAT GTATAGAACA
275551 GACAAGTTTG GTGGAGGTGC TCTTATAGCA CAGCCCTTTC TGGGGGAGCC
275601 AGCTTCCAAT TTGGAAGGGA GGGGATTAT TGAAAGGGTG AAAGGTATAT
275651 GGGTGTATTA AGTTGTATTG TGTCCACCCA AAATTTCTAT GTCAAAGTCC
275701 TAACCTGCTA GTACCTCAGC ATGTGTGCTT GTTTAAAACT AGGGTCATT
275751 CAGATGTATT GAGATGAGGT CATTAGGGTG GACCTCATCT TAATACACCT
275801 TTATAAGGAC TGGTGTGTCC TTATAAAGAG GAGAAATTTG GACACAGGCA
275851 CACAGGAAGA ACGTCATGTG AAGATGAAGG CAGAGGTTGT CCGGTGCTTC
275901 TGCCAAGGAA CGCCATGGAA TGCTGAAGAT GGCAGCAACC ACCAGAGGCC
275951 GAAAGATGTC TGGAGCAGAT TCTTTTTCTC AGACTTCGGA AGGAATCTAC
276001 TCTGCCAACA CCTTGATCTA CACCTCCGGC TTTAGAGCT GTGACAATAA
276051 ATTTCTGGTG TGAAGCCAT CCAGTTTATG GTGCTTGGTT ACAGAAGCCC
276101 CAGGAAACTA ATACAAGGGG AGATGTTAGC ATGGAGAATT CCAGCAGAAT
276151 TCTATCAGAG TGGTGGATGG TCCAGTAAAG GGAAAGCGAG GAAATCGTGA
276201 GAATTGTTC CTTTGTTGGT GGTCACTAAA GTATGGGAGC AGAGCTGCAC
276251 TTCTGCATGT GGATTTGCCG GCCACATGTT TCATTTGTAA TGGTAGATGT
276301 ATCATCAGGT TCTGGCATGT GTGGGACAGG AAACGCCTGA AGGAATTTTA
276351 GACAAATGTG TCCTGAGATG TCCAGCAGCA CCACTGAAAG AGTACCACAG
276401 TGATTTGTTC TAGAGCTTTC AACAAAGTTGA TCAGTTTCAT CCACTTCACC
276451 TGTGCTGGG TTTTCTTAA CCTAGCAAG AACACTAATT AGTTATGAAA
276501 ACCTATATTG ATGAATGAGG TGAAGGCGGT GAGGAACATG CATACTCTCT
276551 GTTAGCCATT GATTCAATCA TTAGTGGACT GCTCTGGGAA AGAGTATTTT
276601 AGATTATAAG AAAAGCTCCA AAATGTTGTA GGATGTCAGT TAATCCTATG
276651 ACTACATCTA CTACTTATGA AAGAAGTATG TACTGTCTAT TGAACAGTA
276701 TAAATGTTTA AAGTCATTAA CTATCTTATA TTGTGGTCT GGTTAGTAA
276751 TTTTACAAA CTAACATCTT CCAGTGTGTG CCTTGATCTT GTAGGAGGGA
276801 AGATATTGAA ATTCAGCGTG AATTTCTTTT GGCAATTGCC CGATTCTTTT
276851 TCATTTTCT GTTTATAAAC CAATTTGAGT GCAGTGGATT TTACTTACTT

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276901 AATCCTGAAA CTGTATGCAG CATATCTTTT CTTCTTTGGC GGCTGCTTCA
276951 CTGCTGTTGA AATCAGCTCT CATGCCTGCA CATGGCATCT GGCTCACTCA
277001 CCACCCCCC GTGTGTATGT GCGCCCTTCT CTGTGAGCCG GTGGCTCAGC
277051 TGCCACAAAA TGCAAGTCTG TGGGTCAGAG ATGGTACTGA GAAGTGAAAA
277101 ACTGTGCGTG TGTTCACACA TTTCATTTAG ACTGTACTTC CCTTAGTCCT
277151 TTCAAAAGAA CTAAGCGGG GGGAGGGGAG AACTTAATTT TTATACAGAT
277201 TGTTCGTAT TTTCACAATG AGATCATTTT AGTTACATCA GTGATAAAAA
277251 TAATTAGGAA GTAATAGTGG GCTGATAATT AGATTGGGAG CAACAAGATG
277301 GTGTATTGA TCCTAGCCCA GCTGTGCCT TATTATGAGA TGTGGTTAG
277351 AATTCTCAAT AGCCACTGGG GTGATAGGAA CCTGCCTCAG ACAGTGTGTTG
277401 TAATAAAAAAC TTGTACAAG GCATGTTGTG AAATAAAAT GCATTCATCT
277451 AGAGAGAAAT CCTGGAGTTT CTTATCGTTG CTAATTAGAA ACAGGTTGTA
277501 TTTTCAGAGG AAAGGACCTT AAATGTATTT TCCGAGAATG TTTTACGGT
277551 TGATGACAT GACTTGGGGA GTACATAGGG GAGCACTAGA CGAGGGGCC
277601 AGTTTCTTCT TTCTTTTCTT TTCTTTTCTT TTTTGAGATG GAGTCTCTTG
277651 CTCTGTCACC CAGGCTGGAG TGCAGTGGCA CGATCTTGGC TCACTACAAC
277701 CTCCGCTCC CAGGTTCAAG CCGTTCTCCT GCCTCAGCCT CCCGAGTAGC
277751 TGGGACTACA GCGCCTGCC ACCACGCCCA GCTAATTTTT TTGTATTTTT
277801 AGTAGAGAG GGGTTTTGCC ATGTTGGCCA GGCTAGTCTC AAATCCTGA
277851 CCTCAAGTGA TCCACCCGCC TCGGCCTCCC AAAGTGCTGG GATTACAGGT
277901 GTGAGCCACT GCTTGGGGCC TGGCTTTTCT GACTCGGCTT AGGAATTTGG
277951 AGGATGTGGC TGGGATGCTC ATGGCATAGA ACTCAGCTTG CTCCTTGTTT
278001 TCCTGAAGAG GAGTACACAA GCCCCATGCG TTATGCCGTG AGCGTTTGAT
278051 GTCAATGGGA AGTGGCGTGC TCAGTGACAG GAGCCAGCCT AGACTGTAAA
278101 GTCAACTTAC AATGAACCTA TCTTTATTTA TGTCTGTTT TGGTTCCAAC
278151 GACTGGACAT GGACATTTGA TTTGGCATCA TTTTCAGTAT TATCTCATGA
278201 GGACTCTTGG AATATTTTCT TTGCTTGGTC TACATCTATC TAGGCTCTGG
278251 ACTATGTATC CACTCTATGA TCAAACCTGG AATTTTCTCTG ATGCTGCGG
278301 ATGGGCTGGA GTGTTTACAA GTGGAGTAAA TATGAATTCA GCCAAGATAT
278351 AATTGATACA AAGAGAGGGT AGTATTTAAG GATTGAGATG ACACTTGTAT
278401 GAATGAAATA AAGGCCAGGA TTGTTTCTA GTGCCAATAG AACTTTGATT
278451 GCTTATTTCTT TAAGTAAGAT TACTTTTAAAG CAAGCAAAACA AAAACACCT
278501 GAGTTTTTTG AATCATCCTC TAGTTCAGTT TCTTAGGAAT GCAGTGCCAA
278551 AAATGGTATT TTAGTAAAAG AGAACTGTG TCAGGATACA TCACTCTGAA
278601 TGTGACAGCA TGCTAGGCAG GAGGCTGACT ACATCCTATC ATGTTGATGG
278651 TTTATATTGT TTTCAACCACA CTCCAGATGC CTGGAGCTGT GGGCTGACTT
278701 CTCGTTGATC TGCAGTGAGC CTCTGTAAAA ATGTTCTTTA ATACCCAAGA
278751 GGTACCTGT TGCAATAAAT ACTTTTCAGA AAAGTCTTTA AAATTCAGGT
278801 AAAGGCAATT CATTCATATG AGTTGTTTCT CCAGCTGAAA TTGGCATTCT
278851 CAATGATGTT CTCATGAAC TGATGATAAA GCCAACTCAA GACCTCCAC
278901 CCCAGAAAA CTCCAAACG CCCAAACTG TCGTGAAGAAG AAGGAAGTCT
278951 TGTTCATGGC TCTCAGGATG TCTGTAGGAA TTTGCACACT GACATGAAC
279001 TAAAGCAGGA CAGATGGATG GCAAGGGCTG TGCATCTCAT TGGATATTTA
279051 ACTTGGGAAA TGAGAACAGT GAGTCTAGCA CGTAGGCAAA TAAAGTCTG
279101 CAGAATGAAG CTGATTAAAG AATTGGAATT TGAACCTGGA AGGACTTCTA
279151 TGGTCCCTTC TATGTATGTA ATGGTATTTT TGTAGGTAAA TATTTGAGGT
279201 TACTCTGTAT AGTAGGTTCA AATGTTTGTG AAATTGCCTT AGAGTTAGAA
279251 AACAAATTAAC CCAGGTTGAG TCTATTATGT TTCTGCTCA TTTGTGGGAA
279301 AGCTGGTGAT CCCACACTGA AAGGAACTG GACCAGCACC TTCTCTTCCC
279351 TGGACAGACG TTATTCATGC CCCAGCAGCA ATAACAATGC CTCGTCTCAA
279401 GAGCTAAAAA TCTGTTGATT CCAGCTGAAG TGTTTAGAGA AAAGTGCATT
279451 GAAGACTGAA CCATATAAAC AGGTCAGAGT GAAAGCCAAT TTTTATAACC
279501 AGAGTCAAAA TCAGTGTGGA ATAATTCATA GGTCAATCTT AATTTTATGT
279551 TAAACATTGT GCTAGATTAT CTCCATCTTT TTGGCCCGTG CTTTCAAAAT
279601 ATCCCCATGA TCAAAGCTTC TTAGATAGGA TATGTTTCCC TCCATTGTGG
279651 GGAACACAG AGCCTATGGT CGTTCTGTCC TGCAGGCTC TGCTTCTCT
279701 GCAAAGTGAG AGCTCCTTTT CTTGTGTTT CTTGACCTCA TCCAAGGGTT
279751 TTTTAATTAT TTTCTAAGGG AGGGTGTCAC TGTCTTTGGA AAGATCTAAA
279801 ATAGCAAAAT TTTGTTTCC TGTATACATA TAAGAAAAC TGAAGGAGGG
279851 ATCAGTAGAA ACTTAGTCT ACCTCAGCTA CAATTCATTT ATTTATTCAG
279901 TAGCAATAAT AGAGGATTCG TGCTGTGTTAG AGCCATAGCG CTTGAGCAGG
279951 CAAACAGGCC TCATCTGCCA TGCTCCTTGG GCTCTCATCT TCATAAGGAG
280001 GACAGTATTG TGGGAAGGTT AGTAGAGAA TCAGTTTCA GTGTGCATT
280051 TCCAAATTTG TGTGGTCTTT CCACATAAGA GTTTGAAAAT ATAAAGGGCT
280101 TCAATTCGAA CTGTTTGCCA GATGTAGCAA AAGGTATCCT GTGGGTCCTT
280151 TTTATTCATG TTGTTTCATG TCTTCCACAT ACCTGATAAC TCTTACAGAA
280201 CAGTACGTGC TGGAGTGGAG GAGGTAAGCT CAGTCATGGA GGAGGGGTTA
280251 GACACGTGGA GGTGTGCTAA GTAGACCAA AGCTCTGCAA GGGGTTTAGC
280301 ATCGCCTGGG GATACAATGC GTGGGGAGGG GTTGTGTTAG GGAAGAATTT
280351 CAGGATGTCA GGATGTGTGC TTTATAGATA ACAATTTTCA TTAATCTTTA
280401 AAATCCCCCG AAGTATGGAT CAGCTCCATT TTACAGATTA GGACAGAGTT

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280451 GCAGTGAGTA GCCCAAGAC ATGCCAACAC ATTGACTAAA ATAACATTGA
280501 ATCACCAGA AATGTTCTTC AGGGATGTAA AATGCACCAA GTTGTACTTT
280551 CCTAAGCTGA CGTTTTTAGC TGGCTTTGTT CAGATATTTT TCTACAAGTA
280601 TATAAGTTTT GTTTTATTAC AAAGACATTT ATTGGGTTTT AAAAAATTCA
280651 TTCAGCCAAT CATTACAGAA ATCTATAAGG GTTAACTACT GACATTTGTA
280701 GTTCATTCTG ATTTAGGAAT CACCATATGG TTTAAATTCC AATTGAGAA
280751 AAAAATTACT AAGTAGAGAT ATATTGTAT CATCATATTT GTTAAAGCTC
280801 TGGGTTTCCA AAACAGTGTA TATAGATAGT ATTGGACATT GTGAATGGGC
280851 TAGTTAAAT TAAGAACAAT TTCCTCATA GCAGAAAAAT TATTTTTCGA
280901 TGAAGGAGA TGATAGGATT TCCCCCAT GCTGTTTCAT GTTGAAGATA
280951 TTTTCAGCAA TTGGTCAGAG TTCTGCCAAA GTATTTTGAA TGTCTTTAG
281001 AAGTGTGTTG AATGACCTGA TTTTCTCCT CAGGACACAT CTGAATTTTC
281051 TTAGGCTTTT GGAACCTTT TTTTGTTTA AATGTTACAT AAGCTCTTTG
281101 GTTCGAGCAT TGAATGACAT GTTATGACAT TTAAGGGGAA AAAATTTTAT
281151 AAGCAATTAAT CAATGTAAGA TATTTGTTGC TTTTTCATTC GACCCCATCC
281201 AGCTTTCATC CTGATGCACA CCATACTGGA GGCATGGCTG CTGTTTAAAT
281251 TGTTTAGTGC AGAACGCGGT TTGATCTCTT TCTTGTGCTT TCAGTGTCTG
281301 TAAATTAATC AAAAGAAGTT ACTGCTCTGC TGGGCATTAG CATGGGTTTA
281351 GATGTTTCTG CATTGAGGCT GTTTCATCAA CTAAATGCT TTTAAGCCCC
281401 AAATGGAGAG TAAACAGCGT TGCTGCGGCC ACTTTGAGGT GAGCCATTAC
281451 TTGTGACCCG CTTACATTG GGAAGGGGCC TGTTGTATAT AGCAGTTATT
281501 CTGGTTTGGG TTATAGCATT TTCAAATGT TTTTCTCCT TTTTATTTTA
281551 GTGTTTCTAG TATTGTGAAA GAGTGCCCC CATCACCACC ATGTATATAC
281601 ACATAGGCAT TTCAATAACA GTATGTGGAG ATTAATAATCA GTGGACATTT
281651 CTATGAAGTT TGAAGGTGA AATGTGTATC TTCACCATGG CTTGTAGTGA
281701 GAGGACAGTG AAATTATAAT GCCAATTGAG ATAGCAGATA GCAGAATAGT
281751 TTTGACTAAC ATGAAATTGT GGATCCTTAG GTTGTTTTT TGTCTTCCGT
281801 GAAATAAAAG TTGACACTTT CTAACCTTTG GCAGCAGGTG GGCCAGGCAT
281851 TTGGGAGGCA CTGCAGACGC TGAAGAGAAC AGACCTTTGC CTTGCAGGAA
281901 TCAGTCCCTC CAGGAAGACA GGCTTGGAAA TGGTGATTTC TGGGCATGGG
281951 CTGAGTATTC TGATGGGAAG AGAGTGGAGG AGGGGGAAGT GAAGCTGGCA
282001 GAGGGGAAGG AGGGCCTGAC GGAGATGGGA GAAGCATCAG AGGACCCCGC
282051 CAGGAAGGAG ACGACACTGG AGGTGGTCTT CAGGATAGAG CTGAAGTTAG
282101 CCGAGGGGAG TCCAGATGCG AGGGAGTTTG CGGTGCAGGT TTTGTCTGGA
282151 GAAAAGCAGA CCAGTGGGAA TGTGGGTGAG GAGGGGGTGT AGGCAGCAGG
282201 GAATCATGAC GCAGGCATTG TCACATCGAT GTCAGAGCAG GAGGCTGTGC
282251 TCGGTGGGGG CAGTCAGAAA GCCCCTTGAG TGAGCAGCTA CAGAGCTTAG
282301 GCTGTCTCTG GGGCAAGGGA GATGGGAGGA ATTTAAGAAA GAGTGGGACA
282351 GCTTTGCTTT AGTAGCAGAC CAAGGCTGCG GTGTAGACAG GCAGCAGCCA
282401 ACTCATGTTT CTTCCGATTT TCTTTAAAC TGGAAGGAA GTTAAATGG
282451 GACATTCTGG TCACTATAGA GTAGAATGAA TGCCTGATGA TAACTGTCAC
282501 ATTGTCTCTT TAGTTCTTAA TTGTGACAT CTAAGTTTGT TTTTAAATA
282551 ATTATTGGC AGGCATGGT GGCACGTACC ACTAGTCTTG GCTACTAAGG
282601 AGGCTGAGAT GGGGATTGCT TTCAGCCCAG GAGTTTGAGT CCAGCCTGGG
282651 CAACATAGCA AGACCACATC TCTAAAAAT AAAACAAAAC AAAACAAAAA
282701 AACGAAGAAG AAGAATTATT TGATGTATG TGAGTCTCTG TTTGTATACG
282751 AAACAACCAA GTTCTATCTT AGAAATCATC TGATTGTCTC AATATTATT
282801 TACTTATTG TTGCCCTCTA AAGCCACAGT AAGGAGAACT TCGGTGAAGT
282851 CCTCCCTGAA GGGTCACTGG TCCAGTTCTG GTGGAAGACA GGCCGGTGTC
282901 CAGAAAGCAG CTCCTGACCC AGGCAGAGCA GGCTGCATTT CTCAGAGTAG
282951 TCGCTAGATG TTTCAGGAGA CCAAATAAAA TAGTACACAT CTGTGTGTAG
283001 TTACCAAAGC CAGGAACACG GGCCCTAACT GTGGGCAGTT TCCCTCTGCT
283051 AGTGCCCCCT CTTCTTGGT TACTCTCATC TGTCTCTAGT TTTGGGCCAT
283101 ACACCTGTGC CACCCCCACA CTGAAGCAGC CTCCCTCCCC ACAGCTATCC
283151 CCCCATTCTT GACTCCCACC TGCTTCCATG TTGCTCTGCC CGGCTCCCAT
283201 TCCGAAGGCC GGTGGTTTCA GCCCAGCTTT GGGAGCACCG TAGATACTTT
283251 CAGTTCAGCA GGGCCCTTCG CCCCACCACG TGATGGGATT CTAGAAATGA
283301 GTGTGTTTCA GTAATAGGGA GGAAGTGTGG GGAGCCTGGG GGCCCTGTGC
283351 GCAGGTACCT CATATGTGTA GTTTTGGCAT CGAGTTTATA CGAGCACATG
283401 GGCATCAAAA AGCTTGCGAA GAAAAGTCCT CTTCTGCTCG ATGTATACAA
283451 AACTTCTGTT TTGAAAGAGT TGCTTGGGGA AAAAAAAAG GAATCTTTTT
283501 GGAATTACAC GTGTAGTTCA CTAAAGTATT CCTAGTGACA ACATAGCCAT
283551 GTTTAAAGCC TGAGATTGTG TTGTCTCTG TCCAGGGTCC AACAGGGAAC
283601 TGAATCTTGT GAGGTTTCA GCACCACAGT GTATCAGAGC ACTCAGAGAG
283651 AGCTTGGGAG TCTCAATGAC AAAGGCGCCC GTGGGCTCAC AGCTAGTACT
283701 GCGTCTTTGG TGGACAAAAG CTCCATTTTC CTGATAAAAT TTAGCTTACT
283751 GTGCAATGT GATTTATTG GTGGGTTTCC TGATTCTCCT ACAAGGAGAT
283801 TCTCTGTGGT TATTTGAAAG TAACTAAGTC AACCTCCCAT ACCTTGCTTT
283851 ACTTTGAATT CAACCTCGTC AACAGATGCC CTGAGGGCCC CAGACTGTAA
283901 TAAGCAGCTC TGCTACAGTG CCTACCAGAA GGGTAAAGGC ACAGTGCAAA
283951 GAAATGGCAA CATCTTGTGTT TCTAGGACTT CTTCAAATAC CTTGTACTTG

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284001 GAAAGTTATG ATGGAAATAT CCTGTAATGT AGCATCACTG AAATGGCTTC
284051 ATTTTAGGCA AGGATTGTAA AGCTTTAAAA TTGAGTGAAA CCTTGAAGTG
284101 TTTTATTAT TTTTATTAT TATTTTATGA TTTTTCCTC TTTTAAGAGA
284151 CAGGGTCTCA CTCTATCACC CGAGCACAGT CATGGCTCAC TACAGCCTCC
284201 AACTCCTGGA TTCAAGCGAT CTTCTGCCT CAGCCTCCTG AGTAGCTGGG
284251 ACTACAGGCG TGATTGCCAT GACTGGCTAA TTTTAAATTT TTCTGTAGAG
284301 ACAAGGTCTC GCTATGTTGC CCAGGCTGGT CTTGAACCTT TGGGCTCAAG
284351 CAGTCTCTCC ACCTAAGCCC AGGAGTTTGG CCTCCCAAAG TGCTGGGATT
284401 AAGCCTGGCC TGAATTGTAT TTACACTGCT TTTAATAACT TATTTGCTTT
284451 TTCTTTACAA AAGTAATCTA TGTTAATAAT ATAAGCAGAA ATAATAAAAT
284501 GAAGGAATAA TACACCCAAA TCAGAGATAA CCACCTTTCTA AATCATTTC
284551 TCCTGAAGTT TTATCACTGC ATGTATATGT ATGTATACAT CTAGTATGTG
284601 TCTAAATTTG GATGCTACTG TTACGTGTAC TGTTGTAAAT TGCTTTCTTC
284651 ATTCACAAT AGGTAGTGAG GGCCAGGCAC AGTGGCTCAG GCTCATGCCT
284701 ATAATCCCAT CACTTTGGGG GGCCAAGGCA AGAGAGTACC AATGGGCATA
284751 TATATTGGTG CAGTCTCTAC TAAAGGCAAT CTGAATACAA ATTTTACATG
284801 TGCATAACTT CTGAATAGGC AGCTTGGCTA TTTATCCTAA GAAATTTATC
284851 CTAAGAGGCC AGGCGCAGTG GCTCACGCCT GTAATCCCAA CACTTTGGGA
284901 GGCTGAGGCA GGTGGATCAC TTGGGGTCAG GAGTTCAAGA CCAGCCTGGC
284951 CAATGTGGTG AAACCCCATC TCTACTACAA ATACAAAAAT TAGCCAGGAG
285001 TGGTGGCATA CCCCTGTAGT CCTAGCTACT TGGGGGACTG AGGCAGGAGA
285051 ATCGCTTGAA CCCGGGAAAA GGTGCGAGTG AGCCGAGATC ATACTCTTGC
285101 ACTCCAGCCG GGGCGACAGA GTGAGACTCT AAAAAAAGG AAAGAAATTT
285151 ATCTTAAGAA AGTAAATGGA TAAATAGACA AGGTCAATAG CACAGTCACT
285201 AGCTTATTGT TCATCAGCAG GTCCTTGAGA GTGCAGTAGA TGTAAATGT
285251 ATTGTCTGTG AAGAAATGGC ATATGCTGAC TGATGGGTTT TTTGTTTTGT
285301 TTTGTGTTTA GAGACAGGGT CTCACTATGT TGCCAGGCT GGAGTGCACT
285351 GGCAGTGCAA GCATAGCTCA ATGCAGCCTC TAACCTCTGG CCAGTGCTTG
285401 TTTGCCACAA CATAAGCATT ATGTGATATT AGTCTACTTT GTTGTGCGCA
285451 AACTCTGTTT AAAGTGTTC CTCTACCTCA GATTCTTTTT GGCTGGTTTT
285501 AGTTCAGCAT CTCTATCCAT GGTCTCAGAA CTAGCTCAGG GCAAGGCTCC
285551 TCTGATTTTT CTTTCTAACT CTCCTCCTTC CCTTTCCTTG CCACCTCTA
285601 GCGTGTCTTT GAGCTATGTG TGATAGCAGG TTTTACTGGG GTGATTTATA
285651 AATAGGTCAT CTCTCCCTTC TTGCACTGTG GAGTACTGGG GGGCACCACC
285701 AGCGCTGGCT CTTGTGGGGT CTTTGTGCCC TCCCTCGGTC TCCTTCAGCA
285751 AGCTGGGCCC TTAAGCTCTT GTGCCAAGAG AAGGGACAGA CAGGGCAGAG
285801 TGGAGGAGTG GGCATGGGGC GCTGCTGATC AGAGAAAGGG TAGCCTGGTG
285851 GCCAACAGCA CGTCCAAGAA CACTGTATGA GCAAAAGTGG CAGGGAAATC
285901 CGGGAAGTGG GAGCTCACAA ACCAAGTGCT AACACTTACA GGGTGTGGTT
285951 CCACAGCTGC CTTTGGCTC GACCCACAAT CCTTTATACA GCCATTTCTA
286001 GCTTATTTCC AGCCCCAGC TCAGTGCTGA CTCATGTGAA TGTGGCCAG
286051 ACGCTCTGGC TTGTGTGGTT ATTGGCTTCC TCTCCCTTTG TTGCATACAG
286101 TCCTCTGTTT GCCTTTCTAC AGAGTACAGC AATGCATAGC TGCAAATTTG
286151 AGAATCTCAT TCTAGTGCGG TAGGTCAGTC CACAAATACT CTCTGAGTGC
286201 CAGCTCCATG CCAGCTATTG AGATGAACAC CACCAGGACT ATGCTGGGAA
286251 AACAGCAAAC TGAGTGCTGG TATGTCAGGG AGATCACAGA GGGAAATTA
286301 TCCTCAACCT GGAGGGATGG CTTCTTAGCT CAATGATGTC CTTTCCAGC
286351 TTCTCTCTTG GAGATATTTT GTCTTTGGAA CTGGCAGCCA CATGACAGCC
286401 ATGTGTTGCT CCCTGATTGT GGAAGGGTCT CAGTATCCTG AGTGCTTGGG
286451 GTGCACCCAA AAGACAAACA CCACTTATGT CAAAACGCAG GCCCCAGAGT
286501 TAAGGAAAAG TCTGTTTCTA TCACTAACAT AGCATCTGGA AGAAATAGAA
286551 AATGGCTATT TCCTAATTAC TGTAAAGTG TATTAAGCCA ACATCCATGT
286601 ATGCTTTTCC TCTCCTTCAT TCACTGAAGG ACTTTCAAAG AAATTGCACC
286651 CCTTGCACTT AGCATGGTGT CTGTGTGACT TAGTCAATGA GCCGTTAGGC
286701 ACTGCAGATA CCGTTTGTTT AGTCAAGATG GATAGCCCTG CCTTATCACT
286751 GCGTAACGCC TTGGAGGCCA TAGGCTATCT CTGCACATCT CCCTTAATTG
286801 CCTGGTGTAT TTATGTGGGT TGACTAGTTT GTTGCCATCT GCATAGCTGG
286851 GTTGTTTAAT ATATTTTCTT TTGTCTGCT AATGACCTGA GCTTCATTAC
286901 ATGCTGATAA AGAATCCTAA AATGTACATA GAAACTGAC GAAGAACGAA
286951 CTGGCCCTGG CCTGAAACAG AACAGGCATG CCACTATGCC GGCTGCCAG
287001 ACTCAGCATT TGTCTGTACA GGAAGGAATG GCTTCTGTG TGCATTTTAG
287051 GAAACTTCA CTTTTTAAAC ATTTCAAATG GAAAAAAGG TATGCGATTT
287101 TTTTTTTTGA GGTTTTACTG ATATGAGCTA CAAATAGCTT CTGGAAGCC
287151 AGTCAGAACT CTCTTTTCAA TAATGTTGAA ACATTTTCTT TTGACTGGAA
287201 ATTAATACCT TCAATTTAGA AGAACTCTAG TTAGAAGTTT ATAGCACAAA
287251 TATAGCCCCA TGTAACTAAG GGAATCTTGG AGAATTTTCT GATGTCAAAA
287301 AACAGAGCGG TGTTAGCTCA TTTTAAAAA TTGTTCTAGT CAAATATAAA
287351 GCAAAAAATC CATTTTTAA TTTAATTTT ATAATATTTA AGAATCATTT
287401 CAGAGATAAA GTACTTCTGT TTTTAAATAT AGCAAAAGAG ATTATTATGA
287451 TAGAGAATAA TTATATAAAT TAGGATTTTA GGCTAAGAAA AATGGTCTTC
287501 TGTTGGAGTG GATGGTTGTG GTTTTCACTT GTTAGTTGTC TGGTGTATT

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287551 TTACATAGGC TTTTTCAAAA TTIGTTTTAT GTCAATTTCT GTCAATTTTC
287601 TTAGTGAAAC ACTGTTTCTA GACTTCCACT TATACTAATT GCACCTTGAT
287651 TGGATTATTT GCTGATTTGT TTTTGGGCT TTTTGTGTGT GTTGGAGGTA
287701 AGAGTAAGAG GAAAAACTAC TTCCAGCACA TGAATGGAAA AGAATCACTT
287751 TGCTGTTTGA CGTTGCTTGA GGAGACAATG TTTGTGACAG TTGCATGTAT
287801 TCGTATGTTT GTAATTTATT CTGTGAACA GCTGATACTG TTTTAGGGCA
287851 TCAGGTCAGG ATGAGCTAAA TGTACAGTTC TAATCAATCA AGACAAATGA
287901 TGGTACTATC ACAATTCCAT CTCCAGAGGC AGGCCCTCTC CACTGTAGCT
287951 CCCAGCTTCA CCCAGGGACA AAGCTACAGA AAGGGAGGCA TACTGACCCT
288001 GCCAAAGTTC CTTCTTCATT CCTGATTCAAT TCCATCTCCA AACCCACCTG
288051 TGTCTGTGG CCTCCTACT GCTTATCAAA ACTGTTCCCA TTATTGCTGC
288101 AATCTGATTC ACATAGGCAA AATTGGCAGT AGCCATTGTG TGCAAAGCAT
288151 TCCGTTGAAT GTAGGGGCAA TTAAAAATG AAGACATAAT CTTTCCCTG
288201 TAGGAACTTA CTATCTTATT TGTGTTATTC ATATTCACTG AGTAATAATT
288251 TCAGTGTGAA TATGTAATAT AATATAATAG GTTGATATAT AAAGAAACCC
288301 CAGGCCGAGC ACGGTGGCTC ATGCTGTAA TCCCAGAACT TTGAGAGGCT
288351 GAGGTGGGCA AATCATGAGG TCAGGAGTTT GAGACCAGCC TGGCCAACAT
288401 GGTGAAACCC CCTCTCTACT AAAAATACAA AAAAATTAGC TGGGCATGGT
288451 GGCGGGCATG TATAATCCCA GCTACTGGG AGGCTGATGT AGGAGAATCA
288501 ATTGAACCTG GAGAGTGGAC GTTGCAGGCA GCCAAGATCA CACCACTGCA
288551 CTCCAACCCC AGATGACAGT GCAAGACTCC GTCTCAAAAA AAAACCCATA
288601 TAGAATTTGA CACATAGACA GTGGACTTGA AGGGAAGGGA GATAAATTCA
288651 AACAGGGGAC AGCTCAGCCA AGACTTTCTT CTCTTCTTGG TTCTCTTCCC
288701 ACCTCTGTCC TGAAGACCTT GAGAGGCCTT AAAGCCAGGA GCTGAGAGGG
288751 GAAGGGCACT CCCAGCCAGC ACTAGCTCTC AGCCTGGATG GTGTCCTCAC
288801 AGAGGCAGGG GGATGGTGCT CCAGGATAGC ATGCAGCAGC AGTCCTTACT
288851 CCAGGTGTAG CAGCCAGGAT AGGTTTTTTC ACCTTTCATC CATCTTTATC
288901 ATTTATTCAG TTTTCCATGG TTATCTTGTG AAGCAGATGG CAATGGCGGT
288951 GTCCCCATAT TATAAGCAGA AAAGTGTGAA TTGGAGGATT AGGTAAGTGT
289001 TGGATTCTTT TTTTTTTTTT TTTTGTGAGC AGGGTCTTGC TCTTTCGTCC
289051 AGGCTGGAGT GAAGTGGTGT GGTGTGGCT CCTCTGCTGG ATTCTTACAG
289101 TGTGGGAGC GGAAGCTGTG GTACCTGTGT TCTGTCTCCC ACCCACGGCC
289151 CAGTTGCTCA GCAGAATTAT GTGAAAGCTT CCAATGTGT GTTTTGAAGA
289201 AATCAAGAGG TGTAACAGAG TAGGTGAGGG TGTGGAGCCT GGAGCAAGAA
289251 GACACTTGCT TGTGTTTAGT CTTGTCTTGG CCACTTCTTA GGTGTGACC
289301 TCGGGCATACT TGTGTCAATC TTTCCGAGCT GGTTTTTCTC ACCTGTAAAA
289351 TGGAGAGAAT AACAGCAGCA ATTTGTCAGA GTGTGTCTTA GGATTACAGC
289401 AGCCAATGCG TGGAAAGCAC TTAGCCCACT TACTGATGAT CAAATGGTAT
289451 GTGCGAAATC AGCACTTGCT GCTGCCCTAT CATTATTATT ACTGAATCCC
289501 ATATTTTTGT TTTCAACTTA AAAGCATAGG CTTTGGCTTA AGGAACATTA
289551 GAAATCCTCC TCATTGGTCT CTTACAGAG GAGGAAAAAG AGGACCAGGG
289601 AGGGGGTCTG TCTGGTTAAG AAGAGGCAGG GAGCCCTGT ACAGCCCATC
289651 CCTTGAATCC TGCTCGCTCA GCGCATTCTG TCCCCACCCT TCCCCCTCAT
289701 TAATATGTTC ACACATTGCC AACGCTGAG TTCTTTTCTC CTTCCCCACA
289751 GCATACACTA AACCTCTAGG GAGACAATAC ACCTACTCTC CAGGAGATGG
289801 AGTGGTGGGA GGAGGGAGGA ATTTTCCAAA TAGCCCACAG GATCATGAAG
289851 GCTTTTCTCT ACATGTTGGT TTTTATCACC TCGGACCATT GGTACAGAGG
289901 TCTGGTCTGG ACCTTGTGCC ACTGTGGGAG GATGGCCATA GGAGAAAAAG
289951 AAAAAGCATC GCTCCCTGTG GCTCCAGTGG ACACACGCGT GCTTTCTCTA
290001 CCTTCTATC ACCAGAGCCC CAAGACCTAG CATGCACTTG CCACTGTGCC
290051 CTGGAAGCTG AGTCACTCTC ATCTAAGTGG ATGGCAGGTC ATTTTGTATC
290101 ATGGTTTGGG GAAAAAGATTA CAACACCAAA GTTGTCACTA CTTTAAATTC
290151 TATCCATGTG CCAGTTCAGT GTAACGATAT ACTATGTGTG TGTGTGTGTG
290201 TGTGTGTGCA CACGCACTTA GAAGAGAGGG TGTCTCTGTC CAAGCTGCTT
290251 GCTACTCCAC TGCCTTAACC TCTCTCTCTA TCACACTCAG TCGCAGTTGG
290301 GTTGATGACT CCCATATTCT GCTGAGAGT GAGTGTAATT GTAAGGCACA
290351 GGCATGATAT TTCAAGACCT TTACAGCATG AGAAGTAAAA TCCTTTTCTC
290401 AGTCAGCTGA GAGCCCTGT TATATGTGTT CCTGACCCCC AAACCCCTCA
290451 TTTCTCAAGT TTCATGGCTG GAACTTTCTT CATTCTCAAC TCCCCCTTTG
290501 GTACCCCTCC AATCCAGGCG GTTGTGTGTC TGGCTCACTC TGGCCTTTAT
290551 CTCCTTTCTG AGCTCAGTGA CTAGCTCTAT TCTGAAGGCA CAGGGTCTCTG
290601 CTGGCTCCAT GCTGCAGCTT CCAGCCCAGG TGAGTGAGGC AGTTGTGTGA
290651 GGTATTGACC CCACCCATGA AGCCACCACA ATGCCATACT TGATGTTTAG
290701 GTTGCCGCTG TTAACCTCCA AAAGGAGATA ACCTGATAAA CATGGCTGTC
290751 CTCATGTTAA TTTACTCTTT ACTGAATAGC TACCAGGTGG AGTCAAAAGT
290801 TGGGATTTGG CTCTCTGAA CAGGGGATGT AATAAACTCA TAGCCTTAAT
290851 CTTTCAACCC TTTTGATCAA AAAGTCAAG ATGATCATTG CTCATTTTCT
290901 ATGATAAGTG TTTCCTTGAA CATGAAATGG AAACAATTGA GGAGGAGAAA
290951 GAAAAAGAG CTGTGTTTTA AGTCCAAAAA ACCATTGCAA AAACATGGGC
291001 AATTAAGCAA ATATTTGTTT ATTACCTATT GTGTATGATG CTAAAGGTCT
291051 AAAGAGGAGT AAAACAAGTC CCTAACACCA AGTAGCTTGT AGCCTAATTA

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291101 TGGAGACAGA AGCACATAGC CAACCACATT TCAGATCAGA CTTTGTCCAA
291151 GGAAGTGCTA TTATGATGGT ATTAATCAAT TAGAAAAGCA AGTTGCAAAA
291201 TAACCTTTAC ATTAGATTAT GTCAACTACT ATTATAATTA GTTATAAAAA
291251 TGTGTTTCTT CTATGGATAC ACAATGTCTT GGGGCTCATG TCCTCTCTAT
291301 AGGCAGGCCC CCAATGTACCT ATATTTCATCC ACCTGCCACC ACCACCACAT
291351 CTATCTGAAA TCCGTTTGTG CATCTTTTCT CTGCCATTCA CCAGGACATT
291401 AGCAGACATA TAGAATCACT GGAAGTCATT TTCATGTTCC ATTTTGGAA
291451 TGGTAGAATG CCACTCCTGT TTTTTTAAAA CAGTTTACA CATATAACCA
291501 TGAAAAAGTA AAGCATTATT ATTTCCCGCT ATTGAGATCT AGAATAAGTG
291551 GCTTGTGAAA CAGTCTTTGG GTTTTGAAG GTGTGTATGC TACTTGAAG
291601 AAAGAGCTTT GTGTAAATTC CCTCCTTCC CACCAAGAA ATTCCACTTC
291651 CAAATTAAGA AAGAGAGAGA AAGAGAGAGA GAAAGGAAAG AAGGAAGGGG
291701 GGAGAGAGAG AAAGGGAAG AAAGAGAAAG AGGAAGAGAG AAGTATTAAT
291751 CTGCAAACTA CCTGCCTGAG TGTGAAGCAC ACATGGTGTG GGCCATTGCT
291801 GTCCCTGTGG CTCTGGGGTC TCTTAATTGC TTGGATTAGG ACTGAGGTGA
291851 AGGTGAGAAC TGGATAGCCT ACCCACTATT TCCAGAGTGC AGGAAGTTAC
291901 AGTTTGGTGT AGATATGGGA TTGGTAATCA GATGACCTTT TGTCTGTGC
291951 ACAGGTGATG GGTGAAGGGC AGACCTAATT AAAACCATCC AATATATTAA
292001 GCATCTCCGT GTTCATTAAAT TTTCAGCCGT GCATGAGCTC ACGATGCCTG
292051 GTCCTGCAGG AGTCACAAGT TTGCTCTGAA ATGTCAAAC TCAAACACTT
292101 CTCAGTTTTC CTCTCAGTTC TGATTCCTAT TCCCACCTTC CCCACAGCAG
292151 AGGTGAGGCA CACTATTTTG AAATACTAGT AAAATGTGCA GTGGGGAACA
292201 ATACATGTGT GTTAACTTTG AGGAAGCCAG ACGCTCCTGA GAGGGTCTTG
292251 GGGGCCTTAA TAAAGCATT CAAGGAAGCA GAGTATCAAA TTAATGCTTT
292301 TTGTGCTAAA AACATTAAGG TATTTAGATG TGTTATCTTA ATCCCTGTTT
292351 CAGCATGGGA ACAGAAGGAT CTAATATCTT TTATTTAAAT CCCAGCCTTC
292401 CTAGACTGGT CCATCTTTT CAGTCTAGTA CAGGAAGAGA CAGACTATAA
292451 CCGGTTGATT TCAGTGACTA TAAACTGTA TATAATTCAC AACATACAAC
292501 CCATTCAACT TTTACATGAA ATGCGCTTGC CCAGATCTTA ATACATTCCA
292551 CATCATTTAG TAGAGATGTC AGGTTTTTCAG AAGCTAGACT CCTGTCAGAA
292601 CGCCACTTTA ATGTTCTGT TTTTGTGGAC ATGCGATAAA ATTGTCACAG
292651 ACGCAAGTAC CGATGCATAA ATTCTGAACC CCCAAGCAAA GTATCCTTAT
292701 TTCAAAGTGA GCCCTTTCTC AGTTGTGGAG TAAACCGATC TTGAGCAGAC
292751 AGGGTGTCCCT CCTGTTTTTC TGAGAGCCCC TCTGCAAGTC TCAGCTGCAG
292801 AGGCAGCTAT TATGGCTTGA GTACAGGATC GAGTTTTAAG GGTTTTGTTC
292851 AGTTAATAAA GAATATCAAG TTGCCCTCAC CACTAACAAC TGTAGGATAG
292901 CTGACCTGTA ACTCCTGTTT CAAAGAAGAC AATGCTCATA GGATGTTGAA
292951 GCAGTCACCA GTCATCATGT AGTAATTAAG ATCAGTAAAA TATATGTAGA
293001 GAGAGATGGC CATATATATG CCTCATGTCT AAATCAATTG TTATGGCTTC
293051 TTCCCTTTAA AAATTTTTTG TTTTCAAGGA CATTATTAGA GCCTGAAATC
293101 AGAATTTAGA CGCCATATAA AGGTATCTTC AGGTAAACAG AATAGCTAGT
293151 CTTAAATTC TTTATATTTG AGGACTTAAC ATCCAACGTA AGAGGTGCAG
293201 TACACTGTTT GACACTAGCA AGATTTTTTT CAAGGTCTTT TAAAGGACT
293251 TGTAAGAAGAA CCAAGACTAT ATTTTGTGTG TATATGTTGG GAGGTGCATA
293301 TAACACTGAA ATAATAAAA TTAACTTCC TATCATTATT AAATATTGAA
293351 AATGAGTTAA ATGAACCTT TACACAACAA GGAAATTATT AGTAAATGTT
293401 AATGTATTTT TTGCAGTAGC ATATTAACAT ACATAATATT TTCTAAAAAGC
293451 TCTCTCTTTA TTTGTGGAGT GTGAAGAAGA GCTCAAATTC TGTTTTGAA
293501 AGTTGAGTTA TAAAGAATCT CTTTGGGAAT ATGGAACAT TTAACCTTAG
293551 TATTTTGTAG AAATGATACT TATACCCTGT TAAATAATTT TTGTACTTAT
293601 ACAATGCTGT GGAAATTTCA AGCTTCCAC AATTTAATAT ATGCTCAAAAT
293651 ATATGTGTTA AATTCCTAAA ATTACCATGG AATTGCAGCA CTAAGATAAA
293701 AAGCAAGATG CTTGCACAGC TGCCTGCCTC TCCCCTCACC TTTGCAGAGA
293751 CTCTGTGTGT TGTGACCTTA GCACCTGTTC AACTGCAGTG TCACTGAAAG
293801 GAAAGGACCT ATGCCCTGTA TTGCCAAAAT ATGGTGGATG TTATCAAAAC
293851 ATACATGTTT CAGCCATACC AAAATAATAC CGTCAGTACA TCTGGGCTCT
293901 TACATTACTT GTTCAACAAA TCCTGGAGCG TGTGACCTG TATTTCTCAA
293951 GAGTGGCTGG ATAGCATCAG GGTTTGTCAT TAAGTCATGC ATGTTTTATC
294001 ACCAATAATG AGATATACGT TTGTCATATT AGTCAGTCAG CAAGTTAAAT
294051 CCTTATCTTA CTGGGCACTG TGTAAATAG TCATTTGTAG TGCAAAGATA
294101 TTACAGAGGC ATTCTGTTGT GGTGGAATCT GATTCTAGGC TTAAATCATT
294151 GCACAAAGAG CAAATAGGTG GTTGAGCTAA GCTGGGCAAA GTGATGCACA
294201 CCTGCGGCTT CAGCTGCTTG GGAGGCTGCG GCAGGAGGAT CGCTTGAGAC
294251 CAGGAGTTCA AGACCAGCAT GGGCAACATA AGGAGATCCT GTCTCAAAAA
294301 AAGTATATGT ATATAAAATA TAATATATAT TAGCACAGTA TATATATATA
294351 CACACACATA TGATAAGGTA TATATATACC TTATATATTA TTTATTAAAT
294401 ATAAATAATT TGTTTGGATG ATTTGTATCA TGCAGCACCC CCAAGACTAC
294451 TTGTAAATGT TTGGTAAGCT GGTATTTATT AAGCCTTCAA AGTGCTTTTG
294501 TGAGGTGTTA TGCAGGGGCT GGGGGTGAGC TTTTAAATAG TGAAGCATTAA
294551 TGATTTAAAG AGGCCAGGAA AAAAACTAA GCTTAGGTGT TAGCTTTTCC
294601 CAGGAGAGCC CTTTGTAAAG ACAAGATTG TTGTCAGCCA TGTGTCATTA

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294651 AAAGCTGTCA CAAGGCTGGG TGTGATGGCT CATGCCTGTA ATCTCAGCAC
294701 TTTGGGAGGT CGAGGCAGGC AGATCACCTG AGGTCAGAAG TTCAAGACCA
294751 GGCTGGCCAA CATGGCAAAA CTCTGTCTCT ATGAAAAATA CAAAAGAAAA
294801 AAATTAGCTG GGTGTGGAGG TGCAAGCATG TAATCCAGC TACTTGGGAG
294851 GCTGAGGCAA AAAAATTGCT TGAACCTGGG AGGCGGAGGT TGCAGTGAGC
294901 CAAGATCGTT CCATTGCACT CCAGCCTGGG TGATGGAGTG AGACTCTGCC
294951 TCCAAAAAAA AAAAAAATAA AAAAAAATAA AAAAAAGCTG TCCCAGAAGG
295001 CCTAGAATGT TTTTAAGGAT ATTTGTAGAA AGTAGAATCA AGACCACTAG
295051 CATGTTGGTC AGGAAGTTTG CAAACGATAT CTGTCTCTTG AATCACAGGA
295101 CAAGTGGGCT GTTTTATCT GCTTCCATG AGTGATGCAT TTAGATCTCA
295151 CAGAGGTGGC CAGTCATTTA TGTATTCTTT TCATCTCTCT CATCTGTGCA
295201 TAGGCTTTCA GAATTGCACA CTAATAGCCT GCTCCTAGGT CTGTTGTTTA
295251 TATGAAAGTT AAGATAGTTT TGTTTAAATA GAACTGTATT TTTTCTCTAT
295301 TACGCTTAAT TATGGGTGGA GATGTAGCTA GTCTTGGAAT CATGATTTTG
295351 GTAGTTAGTC ACCATTTATT GAATGTCTGC TGTACAAATC TTAATTAGGA
295401 CATTTTGGAGA AGGGTGAGGA AAGGGAGGGA TAGAAAAGAA ATGAAAGATG
295451 TCATCTCTGT CCTGTGGAAG GTTAGAGAGA AAAACATATT CCCCATGAT
295501 GGATATAACC AATTATGTTG AATAGTTTAT GGAAAGAAAT GTACTGATTA
295551 AATAATTTTT TAAAAAGTGA ATTCTTAAAA CTTTATGTGC ACCTGTCTGC
295601 TCTTTCATGA TGCAGCTGAT GCGGTTAGGG AAAGAATGTT AACTCAAGTC
295651 ACATGACATT TTGTAGGAAA TCCCCTCTTT TATATTCAGA TGTGGTTTTG
295701 AAATGTCTAA GGATCCGAG AAATGCTTCC ATGGGAGGGG CTCCTAACA
295751 CCTTCATCTC TAGAGGAAAT ACTGGCATAG GATTTCCAGA ATTTTTTGTG
295801 GCAAAAACAA CCAAAGCTAG AAACGCTCAT CCCTGAAAGT CTGTGCCTGT
295851 GGCTCATTTA ACAATGGGGT GCACGTAGTC ACTCTGAAAC CCATTCGCTC
295901 ATGGAATGTT CTTTCTCTG TCAGCACTCA CCTTGCTTTT CAAAATACGT
295951 CCCACCTTAG ACCCAACCCT TGTGAGGCTG CCTCTTGGT AAACACTGCA
296001 TTCTTTGAAA TAAAACTGA ACTGCTCTCA CCTTTCCTTC GTTGTGTCAT
296051 CTCTCTAAGG CACACTCTCT TGCAGCTTCC TCAGTTACAG CTCTCGCCA
296101 TGTGTAAGTT TTTATAGTGA GGGAGCTTTT ATAGTGAGGG AGCACTTACA
296151 TCTACCTTAG AACTATTGAG TGATTGAGTT GAAATTTTCT TTCTTTGTGC
296201 CTCTAGATAA GCTAACCCAC AGGTACCTAT TGGGCTCGCC TGAATGCACC
296251 CCCATCTCTG CCACTATCCT TCCCCTCTAC TGCCCTCCCA ACCCCAAATT
296301 CTATATCTGC CACTGTGCTC CAGGGGCCAT TCCAAGCTGC CCAAAATTATC
296351 TACTTTTAGA ATTTAGGGCT ACAATGAAAT ATACCAAAAT CTGGGCCATG
296401 AGATTAAAGT TTGAGGGAGC CGCACAGTTT GGATCCGAGC ACAGATGTTT
296451 CAGAAGGGAA CGACTGTCCA GAAGGCCTGG ACACCTGGGT TGTGTCCTGC
296501 ACAAATGTAC TAAATGCATC TGAAGAAAGA ACACAGTAGA CAGAAGGGAT
296551 GTGGCTAGCT ATGGAGGCAT TTAATAAATA GGATTGGTTA ATTAATTTTA
296601 GGTTTTAGAC TCAAATATCA CATGTTTGTA TATCTATCTA ATTAAGCTAT
296651 GAGATTTTTA AAGGTACTGA AGTTTTTGAC TGACTGCCAT GAAAAAGAAG
296701 ATGTTATATT TTATTTAAAT AACTATTTC AATAAGAAAT CCTTTTCATA
296751 GGATGATGAT TTCAACAGGA AAATGAACAC TTTTCCAATT GAAATCTTCT
296801 GATATATTGG AGCACTTTAT TTTATAGTTA AATATTATGT ATTTTAGGCT
296851 TGGTATTGAT AAGTTGGTTT CTGTGTCATT ACGAAAAACA ACTTATGAAG
296901 TCTTGTGTTG TGTATTTCGG TTAGTTTTTG CCCCTACCAC CTCTTTATTT
296951 GAGACACTCA GATTAAAAAG ATATTTTAA TGAAATACCA ATAAATATGA
297001 TACTTCTGCG GTTCTGTTT AAAAGCAAAG AAGAAAAACC TACATATGCA
297051 AAACTTTAAG AAAGGGGATA AGATTCAAGT TTTCTTGTA TTGTTAACTG
297101 TCACATAGGA AATTTGTAT GTATCTTATG CTATGGAAAT TCAAGCTTAG
297151 CTAGAAAAACA TTTTACTAG AAAGAACCTG TGGTATTGTC TAGGCCAGTG
297201 CTGGTGACTT GAGTATGGTC CAGAGACAAG CAGCAGCGGC AGCAGCCGGG
297251 AGCTTGTTAG AAATGCGCAT TCACAGGCC AGCCAGGCT TTCTGATCAG
297301 AGGCTGTACC TTGACAATCC CTCTGGGTGA TTCCGATGCT CACTTAAAGT
297351 TGGAAACTCA TTGATCTAGG ACAGTGGTTT TCAAACCTCC TTTTAGTCAT
297401 AAGGACTGCT ACATGTAATA AAGATGTTTT CAAATCCAGA TAGTGAAAGA
297451 ATTTTGTGAG TCTGGTTAAT TAATATGTGT TTTGGGTCTC TAGGGGGTTC
297501 CTGGGTGGAG TTCCTTGTA CCCCTCTGGC TCAAGTGAGC TCAGTGTAACA
297551 AATCTACACT CGAGATCCAG CCCCTCTTG ACAACCAGC AGGTAAGATC
297601 GGAGGAGGTA AAGAATCTGC TTAGGTTTGT TCAGATGATA TTGCAAGATC
297651 AGAATCAGAA ACTCTGAGAG CAGGGTTTAT GTATATCAGA TAAATTAGTG
297701 TATGATCACT AGTCTATATA AAGCAGTTAG CCAAGGTTTC ACTAAAGTGT
297751 TATATTTGAA ATATGTTAG AGAGCTAGTT TTTAAATTC AGGGACATGT
297801 GTCCCATAAA ATGAGATACT CCAGGAACCTG ATTTTGTAA GTCTCAAAG
297851 AAAAACTTAT TTTTCATTT AGAATCTATT ATGTTATCCA AAAAAGCAGA
297901 TAGAATACTT CTCAGTCAA CTGAATGCTT TTGGTTTATA TTTCTATTTA
297951 TAATACACCA AATAGGATT AAAGAAGTGC CCCCAAGCAC CTAGCTTGGG
298001 TCAGCTGTGG TCTGGGGTTT TTATTTTATA GGTGAATTA TTATATGTTG
298051 GGAATACTTA TTAAGTGTGG CATGTGATTC CAGGTCACAA GTTAAGATTA
298101 AGAAACAGCC GGCTTGTGCT TCCTGGAAC TTGGTATACT AAAATACTGC
298151 ATATGGCTAA AGTGGAGTGG TGCCTCTTCA TTTCTGTAGA AATTAGCTGT

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298201 TGGACATCTG TTTTGAACCC CTAATGTGTG CTAGAATTAT GTTTTCTCAA
298251 GGCATTACAG CTGAGGGCAT AATAAATCCT TGATGAGAAT TTCATGCTCC
298301 TAAAATACTA CCGTATGACT TGCTTTATAT ACCCTGGTCA GGTTTTCTCC
298351 TTATTTTTCG TTTTGGGAA AGGCAGCTGT TGGATGTTCA TAGATTGTAC
298401 TTTAAGCCAT TGGAAATCCTC ACTTGACTTA CTTGAGATCC AAATCCCAGA
298451 GTGGCAAGCC CAGTGAGTCT ATTTGACTTG CTCCTCATTT CCCATTGGTT
298501 GGCCTATCGC TAACCTCCCT AACAAAAAAC CAACAACTTT AACCTCAAAA
298551 AAAACCCGGG TCTGTTTAGG TCCTTCCCTG TTCCACTCCT GAGATTTTCC
298601 GACCCCTGCA GTGTGAAGTG GCCAAGCCTT TGCCTGTGGG CTTCTTTTCT
298651 CTCAGACCA CCTTGAATTT GCTGATGGAG AGGCCAGCTT TCTTGATCAG
298701 TTGGGTGACA TACGGACTTA AGGAGGAGTC GCAGCCTCAG GCCTGCTGAG
298751 TCCTGTTTAA GTTCCGTGTT TACGCTCTCT TGTGATACTT TCATGGATGC
298801 ATAAGAGGAG TTGCAGATTA AGTGATGGCC TCCTTAGTGA GGTTCACCT
298851 CAGTGAATGA ATGATTTTAA TTAAAGAGTG ATTAATATAA TCATAAGAAT
298901 CCAGACTGTA TATCCACTAT GTCCTCAGTG TCTCAGCAAT TCCTTGACAC
298951 AGCCCTTAGA CCAAAAGGAA AACTTAAGTT TCTAATTATT AAGTAGGTAA
299001 AGTCAATAAA TTTAAGAAGT ATTTATGACC CAACAACTTA GCAGACATTT
299051 GAAACAATAA TGTCAATTGA AGACATACAT TGAAAGAAAT AATCCTTATT
299101 TCCTCCATGC TAAATAATC ATTACTGTTG ACAATGGCAT GTGGTGATGT
299151 ACCTGTTTAC CTGTTGAGCG CTGCACGACT TCTCGAAGTT TAGGGTAAGC
299201 ATAGCTGCTG CTTTGCTCAT TTCTATTCC ACATTGATTT TCACAGGCA
299251 TTTGCTTTT ATCATCACCG CCACGAGAGC TCAGCTTCAC AACGACATAT
299301 CATGAAAAGG GATGCAGTGT GATTTATTGT TGAAGCTGTG AGCTACTTCC
299351 AGCTAGTATT TTGCACTGTT ACCTGAGAGA CATTGCTGTA TTTCCCTCAA
299401 AAATTAAAAA AATTTCTGCT GCAGCATCCC CAGGGCACCT GCACACCCAG
299451 TTGGGAACCA CAAGCTGTAT GGCATGCATT ACTCAGAGGT GTCCAGTCTT
299501 GTTTTGTGTT TCCAACAGTT AAGATGTTT ACATAATCCT ATGCTAGGTG
299551 GAGTGTGAGA TGCAATTGTT TTATACTTGC TAGTCAACAC AGTGGTTTCA
299601 CATTAATACA TCACAACCAT CCCATGAGGT GGCTGGTTCT CATTTTCTCTG
299651 ATCCCACTCA TGAAGAGCAG GGGCTCATGG ACTTCCTTTC CCTGCTTAAA
299701 TGGTCAGTGT GTGGTGCACA GGAAATGTC ATACTCAGCG CTTTAACTGT
299751 GGCTCCGAGG TTGTTTTCTC CAACTATATT TGATCTGTGG TTCTGTGGAG
299801 TTTCAAAACA AAATGGGAAA TCACTTTGT GTAGCCAGTT ACAGTTGTGG
299851 ACTGCCTCTG CCAAAAAGAT CAGCCCTTGG CTTAAGTAG CAGTTGCACA
299901 AACTAGGCGG GAATAGATAC AGCTTAATAT CCCTTCATGT TAAATTGCT
299951 TATGTGGAGT TGACTAGAGG CTTTATTGAT AAGCAGTGT AAAGCTCCAG
300001 TAACTTTCTT TTAGGCCACA TTAAAGTGAA TCTGGCATCT GCTACAAGGG
300051 AGATGGTGAT TCTGTCTAT TCTGCTCTCA GTTGCCATAA AGATTATACT
300101 TGGAGGCTAT CTTTAAAGTT CTGAAGCATG CCTATTAAAT AATGGTTGAA
300151 GAACCTGAGA ATATTTAGCA AGCAGCAACA GAGCTTTGGG AGGAAAGATG
300201 TGATAGCTGT TTTTATATT CAGCCTTCCA TATATTGTA AGAGAAGTTA
300251 GACTTTTCTT ATTTAGCCCC AAATGACAGA GTTAGTACTT TTAAGTATGC
300301 TCAGTAACAA CAAAAAGTA ATAATAATT GCAGTGGTCG CACCTACTGC
300351 AGGAGGCATC GAATTGCTGC CATTGCAAAAC CCTGTGAAA ATGCTAAAAG
300401 GGATATCAGA TTGTGCAACC CAGCTCCTAA AGTCCTTTCA TTATGTTTTT
300451 CTAACCTTCT AATTTTATC TTTGTCACTG AGCAAAGGCT TTTTACATGG
300501 TTCTACATTG AGTTTGCTGT CTCGCCAAAT GCATTTCTTT CTCAAGTTGG
300551 TAGAATGAGA TGTCAAGTAG CACTTCAGTT TTCTGTTTGG AACAGGTATC
300601 TTTGTGGGTA GAGACCATCT AGGAGCTGTT GAAGTTCTTA CTGGGCAAAAT
300651 CTTTGAGTGT CCATTCTAGC TGATGCGTGA AGTCCATATG TGGGCGTGGC
300701 CAGTAGACCT CTGTGAAATC CAGAAAAATC TTTTACTTTG TGTTTATTCT
300751 GTGTGTGTGG TGGCGTGGG CGGGGGTGGT GGGGGGGCAA GTGCTGTTTA
300801 AGTGATCCAA AAGCTTACCT GTAAATCCCG CAAATCAAGC ATCAGCTTAC
300851 CAATTCAGAA TGTAGAGTCA CTCAGTCTCG AGATGCTAGT CTTTGCTTCG
300901 TGTGCTGTG TTTTGTGGT TACACTCTGA ATAAGCACTT CATTATCATG
300951 AATACCCCTC TGCTTTAGAC CCCACAGATT TATACTGGCT CCTCTTCCCA
301001 GACGACTTGA GGACTTAGGA AAGCTTGGCC GCCATCTTGG ATTCCTGTG
301051 GAAAGAACCC TTCTATGCA GGGGCTGATC TTCTTGCCCC CTTTAGGGCT
301101 GTGCTTCTGC ATGGCTCAAC AAGGGGAGAC TTCCACTCCC TGAATCCAT
301151 CCTAGATCCT CTGCCTTGGC TGCCCTTCAA ACACAGCTTC ATTTTCTGGG
301201 GCGGATGTAG GGAAGTCTTT TTTCTTTGCT CTTACCCAG CTTCTTTCT
301251 GCACTTTATC ATGCCCTGCC AATTTCTCTT CCCTTCTGTA AAAGCAGATT
301301 TTACAGAAAA TTCCCTTGCC AGCCCTAGGT TGTATATGAT GTACCATAAA
301351 GCAAAAGGAG GTCTGTGCTG GTTTTCTGAT TTATTGGAAA GACATTTCCTG
301401 AAGACCCCTG TAACTAGACT GACTTCCTTT ATCATTACAG AGGGCACACG
301451 TACCCCGGAG GAGTTTGTGC AGATGCCTCC CACTTAGCAG AGTGATTACA
301501 AATAGGCTGT GTTTTAAGTT AGTTTCTGT TGTATATTTC ATCTGAGAAG
301551 TTGGCAATAA CTTGAAAGCC ACAAGCTACT GTTTTCTGAA AGCTTCTTTG
301601 CACATGAGCA TAAATGGAT GTATTGAATT TGGAGATCGT CCAGTAACTG
301651 TCCTTTTAAAT GCAGCGGAAT GTAGATTACA GCTGTTTCTT CTGGAAGAC
301701 ATGCATAGCT CTGATTTCCC TCTCTTTTCT CACAGAGTGT CTCCTCTGCA

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301751 GAAGTCTGAG ATAGTGGATG TGGTGAAGAA GCGGGTGAAG GCCATCACCC
301801 TCGCCATCGG AGACGGCGCC AACGATGTCG GGATGATCCA GACAGCCCAC
301851 GTGGGTGTGG GAATCAGTGG GAATGAAGGC ATGCAGGCCA CCAACAACCTC
301901 GGATTACGCC ATCGCACAGG TCAGCAGCTT GGGCGTCCAG CTGCCCTGTC
301951 CTGTTGAGAG ATGATAGCTG GGCATGAGGA CCTGGCGTTC AACCTTCAGT
302001 GCATCTCCAA ACCTCTGCCA CCCCTCTTGA GGTGCTGTCT TAGATGAAAC
302051 CCCGGGGATA TTTGGAATTC TCTGTAGTTG TGATCTTGTG CAGTTTGGAG
302101 GCCCTGTCTT GCTGATTGGA TTTCTCTGGC CAGCTATGGG GTTGGCCAAG
302151 CTGCTCTGTG ATCCAGGCAA GGTGCTGCTC CTGGCAGATA GGTCTCTGAT
302201 CTTGCTAATA ATAACCTCTC ACCTTCAGCT TCTGCATCTG CTGCATGGCT
302251 TTTTCTGCTG CATTGCCCTG TGAAGCACAG CTGTGCTCAT GACAGCCTTT
302301 CTCTATAATC CTGTTCCAGT CTCACCTCTC CCAAAGGTGT TGGGACACCC
302351 CCTGGCTAGG TGCTTAAGGT CAGGGAGAAG CAGTGATTTA CAGCTGTCTG
302401 CTTCTCTGTA GTTATGAGAG GGGTGTGTCT CAGGACCACC CCTGTGAGGT
302451 GAATTGGCAA GAGCACGAGC TGGGTTTGGG CCATAATGAC CCCCATGGT
302501 AGTAGCAATC AGCCTCCTGC AGTTAGGCCA AGTTCAGTCC AGCGGAGGCT
302551 GATCCGAGCC TCGCATGCCA GGGCTCCTGA TGTGCTGTAC TGCACTGGTG
302601 GCCTGAGGAT GAAAGAAAGG TCCACTCCGT AATGATAGCC CAAAGGTGAA
302651 GGAAGATAGC CAATTTCTTA ACCCGTAGGG TGCATATCTG AGACCACTTT
302701 TGCAAAATTA TGACTGAGAC AGTGGAAAGG ATCTAACTTA ACCGACTCCA
302751 TCTTGCTTCT AACCTCCAAG CTGCTCTTGT TCATTCTTGG GCGTAAGCTG
302801 AACTAACTTT GAGAGAAACT CAGTTTATAC TTTATAGTTT AAACAAAGAT
302851 GGTAACAGCC TTTTCCCAA GCAGACCTCC TTGCCTGGGG ACTAGACTAA
302901 CATTAGCCAC AGGATTTGAA ATATGGCTTA GGAGTCATGC AGCTGGAGGC
302951 TACGAGATTC TGACCTTCTT AACTGCTCC TAAGATCAGT GCTTGAGATA
303001 TTTTGCAGAC CCTGCACTTG ATGGATCAGC TGGCACCAC CAGATCAATA
303051 AACTGGCTCA TCTAATCTTG TGGCTCCCCA CCACCCAGGA ACTGACTGAG
303101 CTCAAGAAGA CAGCTTTGAC TCCCTATGAT TTCTTCCCTG ACTGATCAGC
303151 ATTCGGGCT CACTGGCTAC CCCACCCAC CAAGTTATCC TTAATACTC
303201 TGCTCCCCGA ATGCTTGGGG AGACTGATTT GAGTAATAAT AAAACTCCAG
303251 TCTCCCTCAC AGCGGCTCT GCATGAATTA CTCTTCTCT ACTGCAGTC
303301 TTCTGTCTTG ATGAATCGGC TCTGTCTAGG CAGTGGGCAA GGTGAATCCC
303351 TTGGGCGGTT ACATATCTAG ATGATTGGC CTGCTGGATC ACCCAGAAAA
303401 CCTAGACATC ACAGCGAATG CAGGGCCTGT CCCTCTGTCT CCAGATTGCG
303451 ATACATCATC AATAGATGCC TGCTCATCGG CTGGGTAGCA GGAATTCCTT
303501 TGTGTTTCTA CGGTGTTGAG GTGTTTGAAG AATGTGTTCA CCTTAATCAC
303551 ATGAACACAA GGAATAATGG CTACACACCC CTTCAACCTG AAATCAGGTG
303601 CTGCATATAA AATGTGAAGG AGCTTCCTAT AGCCCCAGGG CTTCAGGCCA
303651 GTCCTTTGCA GTTCTGGGGC TCCACCTCTC CAAAGCGGGG GCTCTGTGTT
303701 AGATCACCTC TCAGGTTTCT TCTCAGCTCA CAGTTCTGCA GATGCAGGGA
303751 GAAATTACAA AATCTCCTG GCTCTGAAAA GTGCATGCAA TCAATCTTCT
303801 TCCTTTTGTG ATTTCAAATA AATCCTCAAG ATAATTTCTG AAGTAGGTAA
303851 GAGAAGGAAT CTTGACTTTA TAGGTGGGAA AACCGGGGTT CCTTCGTATC
303901 AGGTGACTTA CATCAGGTCC AAGCAAGCAA GCATCTTGGG GTCAGAAAAAC
303951 AACGGACCTG AGTGTAAGT TGGGGGCCGG CCCACGCAC ACCTGCCTGT
304001 TTACTTTCTC GAGTCAAAATG CTTTGAAGCC TGTGGGACTC GCACCTCTCTG
304051 TAGTCTGTCA GCAACTATAG ATGTTATACA CCCAGCATT ATTAATAACT
304101 TGAGTTATAA CATCATATGG CTGGAAGGGA TCTTAAGAGG TTTCTTAGGA
304151 GTTCCAGGCA AATATTTGTC TGTCTTTTTC TTTAAATGT CTAGGGAAGG
304201 GAGATCCCAT GACCTGCTTT ACTGGAAGT CATAGGAATA GGATGTGTTA
304251 TCCAGAGCAA TTGCTCTCTT CAAATTAAAA GTGTCAAAGA AGGGTGGAGC
304301 AGGGAGCGAG GCTTTAAAC GCCATTGGGG GTTTTCTTGC CCTCCAGCA
304351 TCATAGTCAC TTCTGCCAAA GGAAGTATG CAGCCACAT GTTTCTGTGC
304401 ACCCTCATTT CTCCTGTCCA TGGTCTTATT GCCGATTAGG TGGGGATGCT
304451 GTTACTTCAG GGCAGGTTCC TGCTAACCTC ATAACCTTTG CACCAACCAA
304501 CATGCTGCCT CTACCTTAGT CACCATGCCA GAAAAGCCAC AGCTTGATGA
304551 ATTTCTTTGC CTCTCTTGA ATGTTAAACA TCTCTGGTTG TTTATCGCCT
304601 TGGGCTTTAT CTGTTCAATTT TAATGTGGAT GCATTTTTTT TATTACGCTT
304651 CGGAGGAAGT ACCCTCAGGG TTATTATACT CAGAAAGAAA AAAATGTTAG
304701 CTCAAAGACT TACCTTGGGA AAGTTACGAA GTGGGCAAAG CTCTGTTTCT
304751 ATTTCTTTCC TGCTTACCTT GTGCTTTTAT GCACATGGGC AGCCCAAGAC
304801 CGAGCGCGCT CCTTTTTCAG CTGCCTTGTG CTGAGCAACC TTGCTGCCGT
304851 CGCTGAGTCA TGGTCTCCC CTAGCCCTTG GCTTTCCATT CTCCTCGGGA
304901 GAATCATTCC TGCCCTCTGC CCTCCTAATG TTTTCAGAAC GACCTCATGA
304951 TGACAGCATT TTGATTTAGA ATATACATTT TTTTTCCTG AAAACAAATC
305001 ACTGTAGTGC TCAAGTTGAG GCATTCAGGA TGAATCAAGC AGATGTTTTC
305051 TGTGCCCATG GAAGTTTAA ATCAGGGGGT CCCGGTCAA TACAACTTC
305101 CTTTTTATTT GTTTAGCTAG TTATTTTATG ATTTCCCATT CCCCTTTGGA
305151 ATCCTTAAATG AGCCTTTATG GGGAGTTTTA TTTTTCATG TGCACCTACT
305201 TCTGCCACTT CGAAGCGATG ATTTAGATTC CGAATGCGTG GTGAGCCCCG
305251 CGCCTTCCCC TCACCTCCTG GAAGAACATG CTGAGCTGGG ACTCCACCTA

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305301 GGATGGAGTC CTTTCTTTAG TGCTAATGGA GATTATTATG CAGTTTCCTC
305351 CTGAAAATTT TTTGTTTAAAG TATTGTATTT TCAGTCTGGT CATTTCTTTT
305401 CTATTGAGAG TTACATTAA TTAATTAATT AATTAATTAA TTAATTTATT
305451 TATTTATTAT TTTTTTTATT CAGAGTTTCA CTCATGTTGC CCAGGCTGGA
305501 GTGCAGTGGC TGGATCTCGG CTCACTGCAG CCTCCGCCCTC CGCCTCCTGG
305551 GTTCAAGTGA TTGTCCTGCC TCAGCCTCCT GAGTAGCTGG GATTACAGGC
305601 ACCCAACACC ACCTCTGACT ACTTTTGGGA TTTTAGCAG AGACGGCGTT
305651 TCACCACGTT GGCCAGACTG GTCTTGAAC CTGGCCTTA GGTGATCTGC
305701 CCGCCTTGGC CTCCCAAAGT GCTGGGATTA CAGGTGTGAG CCACTGTGCC
305751 CAGCTGAGAG TTACGTTTAA TTTCCAAAGT CATCTGAAAT TAATAAGAAG
305801 TATATAACTG CAAAAGAATT TCTAATGTCC TGGGCATTCT CAATACAGCC
305851 TGCTTGTCTC TCCTAGTAGT GTAATAGGTT TCAAGCTTGT GGACTTACTG
305901 ACACCTGAC TTAGAACAGG AGGCATTAAG GTTTTCATGC AAGGGAACCTA
305951 AGAGGGAAC CAAATCCAGT GTAAGGCATA TCAAATGTGT AGAAACGTGA
306001 TGTAAACAGG GTTGCAGCTA ACGGCACATT TATGCCAGAG CAGGACACCA
306051 CGCACCAGAC CAGAGAAACT CGTTTCCCTC CCTCCAGCGC AAGGTTTACA
306101 CTTTTTGGGA CCTTTATGAA ACGGCACACA GAAGCAAAG CCAGGCTAAG
306151 GGGTGGCTGA GGAGATACGA TCTGAGTGGT GTCCAGAGAC CCCCTCCCCC
306201 AGTGAGGATT CCTGAATGTT ACTGGATTAT CTATGGCTCC AACTCAAACC
306251 ACAGGAGCCA TCACATCACT CCCAGCTTGG GACCCACCAG CAGCCCCTGA
306301 CTGCATAGCA CTCTGGCCAG AGGGGCTCTG TACTGGTTGG AGGCAAAAAA
306351 GGAGAAGACA AAATGGGTCA AGAAGTGGAG GCAAAGTGTG TGTGTGCTT
306401 AGTATATCTA TGTGTACATG TGTATTGTA TGAGTATCTA TGTATGTGT
306451 TCTGTGTGTA TGTGTGTCTC TGTGTATCTC TGTCCTGTGT GCCACTATCT
306501 CTGTGTCTAG GTGTGTGTGT CTGCCTGTAT GTGTCTGTTT ATCTGTGCTT
306551 GTTATGTGTC TCTGTGTATC TATGTGTGTA CATCCGTGTG TGTCTATATG
306601 TGTGTGTAAC TTTTAAACT ACGCAGTGT TAGTGGAGT AGTGTATGTG
306651 CACCTGTGTG TACTTTTCTT TTAAACAAGA CTGTATTGTG TGAGTGTCCC
306701 TGTCCCTTGC TCTTTTGTG ACTGAAAAA TCTGTGTTTG CTTAGAGATA
306751 TCTGACTTCC ACTGTACTTT TCTTTCAGTT TAGTAGCTCA CCTTTGTTTA
306801 ATAATTAATC CCTATTGCAG CACTATTCAT AATAGCAAAG ACATGGAATC
306851 AACCCTAAATG TCCATCCGTG CTAGACTGGA TAAAGAAAAAT GCAATACACA
306901 TACACCATGG AATACTATGC AGCCATAAAA AGGAATGAGA TCATATCCTT
306951 TGCAGAGACT TGGATGGAGC TGGAAACCAT TATCCTCAGC AAACCTAACAC
307001 AGGAACAGAA AACCAACAC CACATGTCTT CACTTATAAG TGGGAGCTGA
307051 ACAATGAGAA CACATGGACA CAGGGAGGGG AACACCACAC ACTGGGGCCT
307101 GTTGGGGAGG CAGGGGGAGG GAGGGCATCA GATTAAATAC TAATGCATCC
307151 AGACCTTGAA ACCTAGGTGA CGGGTTGATA ACTGCAGCAA ACCATCATGG
307201 CAAATGTTTA CTTATGTAAT AAACCTTCAC ATCCTGCACA TGTATCCTGG
307251 AACTTAAAT TCAATTACAA AAAAGCATTT GTTTAAATAG AATTTATAA
307301 GAATAACAAT TAGGAGTCCA GCAGTATGTT TAGGGAAAAT AATAATAATG
307351 TAGTTTCAAG AAGGATTTTA CTGTCTCTCA CTGGGCCTGA AAGCTCTGTC
307401 TTCAGAGAAT GGTCTTCTGA GATTCCTGCG GAATCTGGTT TCCTCTACCT
307451 ACATTATCTG ACTTCTGTTC ATAAGGACAT TCTGTTTGTG ACTTTTATTC
307501 CTCAATGATG GGCTCTTCTG AGCTTTGTAA TTTTCTTTT TCAGTTTTC
307551 TACTTAGAGA AGCTTCTGTT GGTTCATGGA GCCTGGAGCT ACAACCGGGT
307601 GACCAAGTGC ATCTTGACT GCTTCTATAA GAACGTGGTC CTGTATATTA
307651 TTAGAGTAAG AAGGGGTATT TTTTTCCTT GAAGAGAAAG TTCTTTTAAG
307701 AGGATATCTT GAGGTATTTA AAGTCATTC AAGGCAGGAT TTTGTTTCATG
307751 TAAATTAATA AGATGCTGCT GTGACTTTCT ACAGCCTGGG TCACATGTAA
307801 GTCCTGTGTA AGCTGGGCTC GCCATTCTGG TCTAGATCCT CATGCTGGAT
307851 GACCAAAAGCG GGCATCTGCA GCCTTTCTTA CCTACCCGGA CATGCCTTCC
307901 TCCTAGCTCT CCTCTGTGT TCCTCTTTGC CATGCCCTT CCTCTGTGTC
307951 CTTGGCTGGG GTAGAATCTT GCTAATACTC ACAGCCCTTC CACAGGGGTC
308001 AGATCCTATC AGCAGAGGCC TACACCTTGC CAGGTGATCG CTGAGGTGTT
308051 GCTGGAATGA ACAAGGGGGC CTGATTTCTG CCTTATTTCT CACAGACTCT
308101 GCAAGTTTCC TAGCATCCAT TCACTGCTTC TGGGATACTT GGACACTGGT
308151 ACTTACGTGG GAAGGCTGTG GGAGTGAGGG GATAGTGGGG AGTAAACAG
308201 CAAGTTCATT GACAATATTG CAGTGAGTTC ATATTCTGTT GTCAGACAAT
308251 TTTCCAAGAT GCTGATTCAG TTACCAGTAA AACAAACGTG CCTGCTAGAG
308301 GGGTGGGCCC AGGAAGAAAT GGAAAAGTCA CTTTATGTTT GCTATTAGTG
308351 GGATTACAGC CCTGCTATAA AGGGGGTGGC TTTTGGAGCC ATCATGACTA
308401 ATCGTTTCCA ACTGTTTGG TCTATGGAGG AAGGCAATGT TAATTATGGT
308451 GTTTTAATGC TTCATTCTAC TATGGGTTAT TTTATATCTG ATTTCTTGAC
308501 TCTTAGTAAA AATAATAAGC AAGGAAGAAA TCAACTTTT CTGATGTAAG
308551 CTCTGACAAT ACTGGGTTC AATAACTATT AATAACAAGT GCCTTGCTAA
308601 GGTAGCTGTA ACTAATACT TCTTTACCTG GTTGCTTAAT CTTTCTTACT
308651 CAATCATTCA GGTCAACAT ATAAGTTCAT GTCACACATC TGGTAACTAA
308701 ACTACTAAAG AGTGATTCC CCAAGTTGTG CAGGTTGTTC ATGGCCCAAG
308751 ACAACCGGGC CAAAAGAGTA AATGAAGCAG AAACATAACC TGTGCTACTT
308801 CATTCATCTC TTCAGCTGCC CGGAGCCCAA CTGGAACAG CAATGCATTT

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308851 TTCTAAGTTG CACAAGGGCC AGCCTATTCTG CCAAGACGTG TGCACTTGCA
308901 GAGAGGATGC CTCTTCTAGT TCACACAAAA GCCCCTTGTG GGCTGGGGAG
308951 CAGCCCTGAT TCTTAAGGAA TGTTCCAAGC AATCAAAAGG GATCTGGTTA
309001 AAGTCCTGAA ACTGACCCAT TCTTCCTAAT TTGAATCTTT TGTGGGAGGT
309051 GCCCTGTCTG CTTAAGTGTA TTTCCTTAGG AAGAAAAATAC ACAGCAGAGG
309101 CTTGAGAGAT TTGGTGATAT AATTGACGTT TTATTCAGTA TAGTGAGGTT
309151 AAAATCAATA ATTTAAAAA TTATTCACAA TTTGTCTGCT GGTCTTGTGC
309201 TGTAATATTC AACTCAGTTC ACTCTGGGTG AGAACTTGTA GATATTGGTG
309251 TAAGAACTTT AGTGGTTTCT CTCTTCTCTT ATTTTACAA TTCCCTTTTG
309301 GCACTTAAAG GTGTTTGTCC CCCTCCTGCT CCTACATTTT TCTGTGTCTG
309351 TGGTAGGAGT CACTCCTCAA CGTCACTCAA GGTATGGAC GATAGTGTA
309401 AGAGGTATCG TAGGGTCACG GACCATCGTG TAAAAGGGTA TTAGAATCTC
309451 TGTTTCTTCG TGCTATCCCA GGCTTCCCAG CATTTTGTGC TCCTGTAGCT
309501 GCTGGCTTTC ACGGTTTCTT AATAATCTCG TTTTCTTAC AATCAGCAAA
309551 TTACAGATAG TTAGACTTC TTATCAAGAC ATTCTGCGTG GAGCTCCCAA
309601 TCTTTTCACTT TTCAGATCGT CCCCTAGGGC CCCTTCTTAG TCATTTACAC
309651 CTACTATCTT GCTGGTGTTT TTTTTTTTAC TTCAAGTGGG CTGAGTCTGA
309701 GAAGAGTGCA ATTTTAGTCT GCCTGAAAAA TTCTATTTGG AAGGAGGCCC
309751 TGAAAGTGCC ACATGCGTGC CTCAAATTAA TATATTTCAA TTGTAGCTGA
309801 GCAGCAGTTG TTAATGGTTC TTTTGTAAC AGCCTTTTAA ACATTTCTTA
309851 TAAAGTTAAA GAAAATGTTA AAGTCTGCAC CACTCCATGC CCAATTTTCT
309901 ATTTAGTATT TCTCGGGGAT ATTAATTGTA AAACCAAGAA AGCAAAATCC
309951 TTGACCGAGC CTATATGGTT AGAGCCTTGA CTCAGGCAGA GCCTACCTAC
310001 CACTGCCAAA TTACTTCTTT CGCATCAACA TGCACTTCAA ATATAGTTTT
310051 AAAAATAGGA AAGTACTACT TACTTGCATG CAATTTTAGT GTGTTGTGAA
310101 CTGTAAGATC AAAGATTATT GTAAGTTGAT TTGCTTATTT GCAAGAATA
310151 CTTTTTGTG CTAAGGTAA CCCTTATAAT TAATTACTTA AGTAAGAATA
310201 AATTAATATC ATTACTTATT TATCTTAAAT GGTTTTCTTG TAACTCAAGG
310251 AGCGATTCTT TACAATAGCC AATATGTTGT CATCTCAGAT GCCCTCTAAG
310301 ATACATAACT ACTAATCACT TAAAAATGTA GTCTAAAGGC AATTTGGCAA
310351 ATTAATAAAA AATACACATG TGTGCATGCA CACACACAT TTATGGCCTT
310401 AGCCATTATT ATGAGGATCA TTATAGGACT TGAATTGCCA ATAAAGATTG
310451 TAGGGAAGAA CTGTAAGCCT GTGATGTAAT GCAGTCTACT CACTTGGCAT
310501 ACTAACCCTAT AAAAGTGGAT TTTTCTGTGT AAGGAACACA TGGATGTATT
310551 CATGTTGCTA TATGGAACAC TAACTGAAAG TTCCCTCCAC TCTCGCCCCC
310601 AAACCTCCTT CCGTATTATC TGCTCTGACC TTTTCTCTG TAGGTATGGA
310651 GATATTTATA TATACAAACA AATCAAGGAT TTTAGATAAA TGCCATCATG
310701 CTGTGCAGAG CCTTCTGCAA CTCATTTTAC CTGACAGTGT ATTCTGGAGA
310751 CCATTTCCAG TTACTATGTA TAGACCCAGG GCATGCCATT TCACAGGGGG
310801 GTTTCTCTGCA ATCTATTGAG CCATTCCCTG CACTGATAAA CATTCCACTT
310851 CTCTCCAGTT TCAACCCCA AAAGCCTTGT GGAATAACAG CTTTCTCACT
310901 AGCCCATATAA TATTCCACCC AAATGATATT GATCTAATTA GACCATTTTT
310951 ACCACAGTTC CTTGAACATA ACACATGCTT ACGTATTTTT ATTTATACAA
311001 CAACAAGTTA TTTGTTGCTG ACAAATCTTA ATTAATGCTT GTTGAAGTGTG
311051 CCGCATAAAA TTCAAGCCAA AATAACTATT GGTTTGAGGG ATTTAAAAAC
311101 TAGGAACAAA ATTATGCAAT ACATGGTTTC ATGTTAGCCC TATTAATAGG
311151 TAAACTGAA AATACTACAA CCTGTGCCTC CATCCTCCCT GCAGCTGCCT
311201 TAATTTAGTA CTGTTTCTG GGTGATTAC AAAAACCGCT AGTTTCACTT
311251 CCTTGACCAT CTCCGCTGTA GCTAGGATAC GATTTCTGAA ACATACGTCT
311301 GATCAATTCC AGTGTCTGGC ACAATGTCTG GAATGGAGGT GCTTGAAAAT
311351 GCTGGCAATG AAAGAGTGAT GAATGCTGCT GCTTCTGCA GCCCTTTCCC
311401 AGGCTCCCTG TGCTTCTGA TGAATGCCC ATCTCCGTCC CGTCACCTGC
311451 CCTCTGCGA TCTGGGTTCC AACTGTCACC AGCCTCCTCT GCCACTGTAT
311501 CCTCCTTACT TTATTTGTAA TCAGTGTAC TCAAGTATGA TTGATGTACA
311551 GCAAGATAAA CACTTTTAA GTGTTCCATT CTATGAATTA AAAGTGGGTT
311601 TTTATCATTG GAAACACACT GAGGATTTTG TCTGTCTCCC ATAGACGGTG
311651 ACCAGAATGT CTCAGAGAGC TCTGGAGACA AACAGATGGT GGTGATGGTT
311701 GCACAAGGCT GGGCACTGGA ACTGCAGTGC AAGTGTGAAC ATGGGACCAC
311751 ACATTTAAAA ATGGCTATGG TGGCAGACTT TGTTATCTAT ATTGTACAAT
311801 CATTTTAAGA TGCTAAAAA AAAAAAAGA GAAAAATGTC ACAAACTT
311851 GGCTGCTTTC ATCGCCTTGA GAGAGACAAA AATGTATAAG GACAGATTGT
311901 ATGCTTTTGG GAGCTTATTG AAGGTTTGAA AAACAAATTT TACCCATAGT
311951 TTTGTTTTCG ATTAACATAA TTAATGCTA TGTTCATGG TCGTGCCAG
312001 ATGGACCATA TTTCTCAGAA GGTAAAAATC TGTTGTTGTC TAGAATGCTC
312051 AGAGCTTCAG AGCCTTGCAG GGCAGCCAGC TGGGAGTGGG GTTGGGGTGG
312101 GTGGGGCAGG GGGGCGGTGT GTATTCCCTG TGTGTCTGCA CTGGGGGTGG
312151 GAATGGGATG AAATTAGCAA AAGCAAGGAG ATAGAGCAGG GTAAAGATAT
312201 GTGAGTGACC AGGGAAGGGC ATCTGAATGG CTCAGTCGGA GTAGTATTGC
312251 CATTGGAAGC TGGGATTCCT TTTTTTTTCT TCTCTTTTTC CAATAGTCAA
312301 ATTACATAGT AAATGTGATT TAGGAAAATT TGTCTATCAA TATGTAGGGC
312351 AGATGGCAAG CAGAGAACTT ACATGTAATT TTGTAGTTTT AAGCCTGGGG

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312401 CATAGATCAT GCCATTATGT AACTATCTCT CCATGTAATT TAGAAGCAGA
312451 AAGCAAAGAC TGATTTTAA AACTCTTTGA TGTGACAAT GGGAGGAATT
312501 TGCCTTAAAT GTAAAGATTA GGGGTAAAGA GGTAGGAAA GGATTCCTAT
312551 AAATTTTGA AGTCTTGACT GACCTCTGTG TGGTATCTCC TAAGGAGAGG
312601 GATTGAATAA GTTCTTTAAA GCTCCTACAC TATTTAACAA ACTATGAGTT
312651 AGTTGTTTCA GGTCTTCTTA ATAGAGTACA GTTTCAAAGC ACAGCAGCAT
312701 CAGCATTTTA AGCATGTATT AGGTGGCATA TGCATTTGTT TGTGGACTTT
312751 CTGAACCTCT GGGAAAAGGT TATTTGGAAT AGATAACATT TTTAGTGGCC
312801 ATAAAATTCA AATAGAAAAA TAATAGGGAC ATTACTTGAA CTTAACCTAT
312851 ATTTTCGAAA ATTATCATAG GGATCTCTTG TAACTTTGG TATAACATAA
312901 GGAAGATATG CCAAATTATT TTTGAAATAG AGATGAGCT GAAATCATAA
312951 TGGTGATTAG TTGGTGGTTC CTAATACAAA GAATAACCAT AACATATGTA
313001 TATTGATGTG AAAAAGTGGA TATTATATAC AGCTTGGAGT CTACTTATTT
313051 TTGGCAACAC ATACAAGAAA TTTTAGTGTG TTCTTGGGGG TGATTAACCT
313101 GATAGGGGAT AAGGCCAGG AAATGAGATG CATATTTAGC AGGAAGGTCT
313151 GGAAATACTA TCACTGAAAT AGAAATAGAT ATTCTAAGAC CACAGCAATT
313201 TGGGGACCAA ATGAACTGA ACCGCAGAA TTAGTTGACA GCTGTTTTAA
313251 AATTTGTCAA TATCTGACAA GCCTAAAAA AGCAAAACAA CCTTTATTAT
313301 ACTGACGAC AGATTTCCCA CCTTCTGGC ACCAGACACT GGTTCAGGG
313351 AAGACAGTTT TTCCACAGAG GGCATGGCTT TGGGATGATT CAAGCACAGT
313401 ACATTTATCA TTAGATCCTC ATAAGGAGCG TGCAAACTAG ATCCCTTGCA
313451 TGCCTGTTTT ACAATAGGGT TCATACTCCT GTGAGAATCT AATGCTGCCA
313501 CTGATCTGAC AGGAGGCCGA GCTTAGGCAA TATTGCCCGC TAGCCCTCCG
313551 CTCACCTCCT GCTATGTGGT CGGGTTTGCA ACAGCCACCG ACCAGACCA
313601 GTCCAGTCCG TGGCCAGGG GTTGGGGATC CCTGTACTAC AGGATATGAG
313651 AAAAGGCCCT ACTGGCAGTT TGTCTTCTGT GTCTTCGAAT TCTCACGCC
313701 GTAATCCCAG CACTTTGGGA GGCCGAGGTG GGTGGATCAC GAGGTGAGGA
313751 GATCGAGACC ATCTGGCTA ACATGGTGAA ACCCGCTCTC TACTAAAAA
313801 ACACAAAAA TTAGCTGGGC ATGGTGGCAG GTGCCGTGAG TCCAGCTAC
313851 TCGGGAGGCT GAGGCAGGAG AATGACGTGA ACCTGGGAGG CGGAACCTGC
313901 AGTGAGCGGA AGCCGAGATC GTGCCACTGC ACTCCAGCCT GGGTGACAGA
313951 GTGAGACTGC GTCTCAAAAA AAAAAGTGAA ATGAATTATG GTTCATGTAT
314001 AAATTGCCAT TTTAATCCAA AACGTTTCA GTAGATGAAT ACTTTGATT
314051 TTTAAATTTG TTTTGCAAC ATATATTTCC TTTTGTCTGT TTACAGCTTT
314101 ATTTTTTTCT GTTGGACCTG TGAGAGATTT TGTTTTATCA TCAATTTTTT
314151 ATTATTTGTT GAAAATAATC ATTATTTTTC AAACCTTTTT TTGTTTGT
314201 TTTGAGATGG AGTCTCACTC TGTACCCAG GCTGGAATGC AGTAGTGCAG
314251 TGTGAGCTCA CTGCAACCTC CGCCTTCCAG GTTCAAGCGA TTCTCCTACC
314301 TCAGCCTCCC AAGTAACCTG AATTACAGGA GTGCACCACC ACACCTCAGT
314351 AATATTTTTT GTATTTTATG TAGAGACAAG TTTTACCCTG GTTGGACAGG
314401 CTGGTCTCAA ACTCCTGACC TCAAGTGATC CACCCGCTC GGCCTCCTGA
314451 GCTGTTGAGA TTACTACAGG CGTGACCCCT TTGCCCCGACC TTCAAACATT
314501 GTTAGAAAAA AATCATATCT AAATTACCCC TTCTTTCCAT TATTATGTCA
314551 TTAGCTTCTT GTTTGGGGAG CCTTAATTAA ATATGTTAAT GCACGGAGAT
314601 GCTATGCACT TGGTCAACCC TATTACAAAT TGGTATCTAT GTCCTACTAG
314651 TAACCCATGC TTCATTATAA ATGATAAAAG AAGTCACTGG CTTTGGGCTG
314701 GATTTTCATT TAAATGTTAG AATCAACAGA GAGTAGATGT TTTAAACCAT
314751 GATCAAAATT TCATCCAGTG ACTTTTCCCC TCTTGCATAT AATGCATGAC
314801 TTAACATATC CTCAAAACAA TGTGTTTCGT TTGGGGGACA CAAGAAATTT
314851 CATTACACGG TAAAAGATAA AATCCTAATA GCTAAGCTTT CCTCTTCTGT
314901 CCTGTGCATC TGCCTTGGCA GAGTAGCTT TATGTTTCTT GTTACAGCTT
314951 TTATTTGAAG GAATAGATTG GCAGCTATGA GTGCGGTGTT AAAATGTTAA
315001 TAAGTAAAAG GCAAATTTAA AAATATCATT GACATATGGA CCTTTCTGTA
315051 AAGGCTGTGG CTTATCAAG TATGGAACCA TCCATTTTCT ATTAAAGCT
315101 TTAATAAGTG TTGACCACCT ACTCCAAGGC AGGCAGAATG CTGAGACTGA
315151 GGTACTGGGA CATGCTGCAC AGAGTTCCCC ATCTAATACA GGTGGGGGAA
315201 GAGGTGAGTA CAGTCATCCC TTAGTATCCA CAGGGTACTG GTTCCAGGAT
315251 ACACCCTCCC CACCTTCAGA TGCCAAAATT TGTGGATACT CAAGTCCCTT
315301 ATATAAAATA GTGTAGTATT TGCATATAAT CTATGCACAT CCTCTTGTAT
315351 ACTTTACATC ATCTATAAAT TACTTAAATA CCTAATGCAT TGTAATGCT
315401 ATGTAAATAG TTGTTACACT GCATCAGTTT TGTTTTGTGTT TGTTTTGT
315451 TTTTGAGACG GAGTTTCACT CTTGTTGCCA GGTGGAGTG CAATGGCGTG
315501 ATCTCGACTC ACTGCAAGCT CCGCCTCCTG GGTTCACCTG ATTCTTGTG
315551 CTCAGCCTCC CGAGTAGCTG GGATTACAGG CACGTGCCAC CGCACCTGGC
315601 TAATTTTTTG TATTTTATAG AGAGACAGGG TTTCACCATG TTGGCCAGGC
315651 TGATCTCGAA CTCTGACCT CAGGTGATCC ACATGCCTCA GCCTCCCAAA
315701 GTGCTGGGAT TACAGGCGTT AGCCACCTCT TCTGGCCAG TTTTAAATA
315751 TGTACTATTT TTTATCTTGT TATTGATATT TTTACTGTTT TTCTTCTCTG
315801 AATATTTTTT TTTCTGTGG TTGTTTGAAT CTGTGGAGAC GGAGAGCCTG
315851 GCTGTACAGC GTAAGTGCTC TGATGGCTGT GTGCACAAAG ACCTCTGCAT
315901 GCACAGGCCT GGTGCCAACC CCATCCAAG AGCATCTGGG CTTACAGTCC

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315951 ATGATTACCT GGGTGGTCCC TATCTTGTGC TGACAATTGT TGAGTAATAA
316001 CTGCAACTGT AATATGTTGG TGGGAAACT ACTTAGAGAA GTTTCCCAT
316051 GGACAATTGA AAAATGGGAA TTAAGTAGAA ATGTAAACAT TCTGAATTCT
316101 GCTTTCTCTG CCTCATGCAT GCTCATTCTC CAAGTCAAGA ACTCTTGGGT
316151 CATGGGGACA AGAGGAACAG GACAGTCCCT CCTCTTGGAA TCAAAATAGAG
316201 AATGCAGATA AGAATTCCCA CAATTATAAT ATGGTGTGGT GGGGCTGGCT
316251 TAGAGGAAGA CAGCTTGCAA TGAGAACTGT TAGAAGTGGT GCTTTACAGG
316301 CGTGGTAGGG TAAGGGCCCTC AGGATCCCAG GATGAAACGA GTTAAGACCT
316351 GAAGGATGAG TAGCAGCTGA TCAGGTGAAG GGGTGGGAGG AGAGGGTCAG
316401 GGAATGTGCC AAAGAGAGCC CAGCACCTGC CTTTCCCATC CATGTTCTCT
316451 GTCTGTGCCA GCTCTGTGAT AAATGTCAGC AATTAGCCCA GCCCTTAGTA
316501 CCTAACAGAG AAGAAATGCA TTATGCTGCG GTTTTATATT TCAGTCGGAA
316551 GATGGCTGGA GAACAGTTTA AACACGTGCC TAGGAATGTT CTCTGAAAGG
316601 CCAGCTGGTT GCTGCTGGTT GATAGAGCTG GGAGTTTATT GGCAAAAGGT
316651 GGAGAGGGGG TGAGAGGACA GGAAGAGGT AGGTATTAAG CCAGAGAAAT
316701 ACTAGCAGTC TGGAGGGATT CCTACAAGA TACACAATCA CTTTGAACCT
316751 TATAAAATA GACTCTTACT GCCCTTTCCA TGTGACAATC TATGCTTTTT
316801 TTATGATGTT TTGTCAGCTG CCTACCTAA AAGGATCATT ATAAAGATCC
316851 AGCACTAAAA AATGTTTTT AGGCATTGAT GGTTTAAAAA TGGAGTCTTT
316901 GGAACCTCTAT AAAATGTTTT AATCTCCTTG GAATAAAAAA AAAATGCAAG
316951 TCCAGAAACA GAGCCCATGC AAAGAACTTC CAGGGCTCAC GTGAACCTTG
317001 AGAGGTGAGC CTTGTGCTGG AGCTGTGCTT CGTAGCCCGG GTGCACTCTC
317051 GCACCCCTACC TGTACTGTG GCAGAAAGTGA TGAGAAATCCA GCCCACTTCA
317101 CCTCACGAAT TCCAATTTGC TTCCCTTCCT TAAAGGCCCTC TTGCATTGAG
317151 AGACAGCACC CACATAGTTT AGTACTGATT GCAGGCAAGG GGTGAATGTT
317201 ACTTTTATTT TTCCAAATTTG GTTATGACTT CCCTAAGGGC AAATAATCCA
317251 TTGACTAGAG TACAGTAGAG GCACACACGT AAGAATCTTT TGGACATTTT
317301 GGTTTTGGG TTTTGTGTTG TTTTGTAGAA TGTAAGAGAA GATTTCTCTA
317351 GTAGCATATT ATTTGTATTT CCTTTTAGGA AATGCTTTTC TTATCCAAC
317401 GAAATCTTTC CCGGTGTAAT TTTCATGCAG AGAAGTATAC CCTTCAAGTA
317451 CTAGAAGATA CATTTCTTTT TTTTCTTTT GTTTGAGAAG GAGTCTCGCG
317501 CTGTACCCCA GGCTGGAGTG CAATGGCGTG ATCTCAGCTC ACTGCAACCT
317551 CTGCCTCCTG GGTTCAGCG ATTCTCCTGC CTCAGCCTCC TGAGTGGCTG
317601 GGATTACAGG TGCATGCCAC CACGCCCGGC TAATTTTGT TTTTAAATAG
317651 AGATGGGGTT TCACCATGTT GGTGAGGCTG GTCTCAAACT CCTAGCCTCA
317701 TGATCTGCCT GCCTCGGCTT CCCAAAGTGC CGGGATTACA GGCATGAGCC
317751 ACACGTGGCC TACATTTCTA TTATATTGTG TTTAACCCTA TCTTTTGAAA
317801 GAATAAGAA TAATTTTGGC TGGGTGTGGT GGCTCATGCC TGTAATCCCA
317851 GCACCTTTGG AGGCTGAGGT GGGCAGATCA CCTGAGGTCA GGAGTCAAG
317901 ACCAGCCTGG CCAACATGGT GAAACCCTGT CTGTACTAAA AATACAAAAA
317951 GTTAACCGGA CATGGGGGCA CACACCTGTA ATCTCAGCTA CTCGGGAGGC
318001 TGAGGCAGGA GAATCACTTG AACCCATGAG GCAGAGGCTG CAATAAGCTG
318051 AGAGTAGAG TCCTTCTCAA AAAATAATAA TAATAATAAT TTTGATTGAA
318101 TTCTTTAAAC ACATTCTTAC CTTAATAGAA CTCTATTTT GGCTGAAATT
318151 CTCAAAGAGC CTTTCATTCT TATGTAGTTG ACTTTACCAA TTAGGTTTTT
318201 CCTTGCTAAG TTTTCTTTTC ATTTTAGTTT GTGTTGCTCT CATTTTTTTC
318251 TTTCTGTTCT CTTTCTGCTC AGTAGAGACA TAGTTGTCTA AAACCTTTGA
318301 AATCAGATTT CGTTTAAAGT TTAGAAGTAC TTCTGTGACA ATGCTGAGC
318351 ACAGAGCCAC TGATCGTGCC TTTCTATTCA TTTTCTCTC TCTATACCCA
318401 AATAGCACCA TTCTAACTGG ATTTAGTAA TAACTGCTTT AGGGTGATAG
318451 AAAGCCCAAG ATCAAGAATG GAGACTTCAT GTATAGGCTG TAGAAAAGTC
318501 AGTGGGCCAA CAGAAAGAGC ACCTCTGTG GCAAAATGAGG AAGAAGATAA
318551 AGGAAGGAGG ACACGGGAAT TCGTGACGTA TCACTACCAT GATGGAAAAA
318601 GATCCTCATG TTTGACAATC ATACATTTGC TTGTAGAGGA TCAAGAGCAG
318651 GATATGTTCC CTTCTGCTCC TTTTCTCTAA GCTGGTCAGC CTTAGGTGTG
318701 AGATGTAGAT TTTGACCCTC GGTTTTAAAA CACCCCTATG TATGCAAGTA
318751 AAATGTAATT ATTTATGAGA ATGCAATTCTG TCATTTTTTT TCTTGGACTT
318801 GGGAGTTTGT TGCCCTTTAC CTTTAGTTGA AATAGCTTCT ATTTAAAAGT
318851 ATCAGATCAG GAAACTCATC TCTCTCTGG TAAATGTCTG TACTTTCAAG
318901 TGGTAAATAA TCTCCATTGC GTTCTAACGA TACATCTGAG CTGCGATATT
318951 GGTTTTCCAG CAGATGTCC TAAAGTTTAG AATGCCCTTA ACTTCTCAGT
319001 TCCAAATGTC TGGCAGATCA AGTGGACTAT TTAAGATGG ATCAAGAATA
319051 GGAGTGATAT ACACGCCCTT TTGCCTGGTT TTTCAACAG AGAGAAGGCA
319101 AAGTAGATTG ATCCTATTAA ATACTACATG TGCCCTCAAGA GCATGTCAGT
319151 GAAATATTGA TCAAAATATT GTCTCTTTT ACCCAGGAAT TATAGGATGA
319201 AGTTTATTTT TATTCGTTA ATTAAGCTGC ATGTTGTTT AATAATCTTT
319251 TTTGTCAGTC CCTTGCCCAT TTGAAAGTTG CTTTCTTAA CATGAAGTGT
319301 TAACTAGAAG CTTTTTACTT CCCTGTTAGT TCCACCTTAG AGGTTGCCCT
319351 TATTCACAG AAAGTGCTTA TTTGTATAGT ATATTATTTT ATTTTTTAAA
319401 AATAAGGTAT AATTTACAG GAGTAAAT AACCCTTTTT AATGCACAA
319451 TCTATGATTT TTTTTTTTT TTTTTTTGAG ACAGAGTTTC ACTCTGGTTG

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319501 CCCAGGCTGG AGTGCAGTGG TGGATCTCAG CTCACTGCAA CCTCTGCCTC
319551 CTGGGTTTAA GCGATTCTCC TGCCTCAGCC TCCCCAGTAG CTGGGATTAC
319601 AGGTGTCCAC CACCATACCC GGCTAATTTT TTAAAAAATT ATCTTTAGTA
319651 GGTCACCTCAG GACTTGCTTA GAAACGGGGT TTTGCCATTT TGGCTAGGCT
319701 TGTCTCAAAC TCTTGGCCTC AAGTGATCCA CCTGCCTTGG CCTCCCAAAG
319751 TGCTGGGATT ACAGGCATGA GCCACCGTCC CCAGCCATAG TACTATGACT
319801 CTTGACAAAC ACATAAACCA GTGCCATCAC CAGGAAGTGG GCTTGCTTCC
319851 TACTACACCC AGATAAGAAC AGTATGACAC TGGCTCCAAA AATTCCCCAG
319901 TCTCTCTGT AGTTAACCCC TGTCCTCCTC AGGGGACTCA GTTCTTGGA
319951 ACAGCTGGTC TGTTTTCTGA CCTATAGTTT TGCATTTCTC AGAATGCTGT
320001 ATGAATGGAA TTGTACAGTA TTATGACCCT CTGATTCCAA TTTCTTCTAC
320051 TCAATATAAT GCATCTGAGA TTCATCCATG TCGTTGGATC AGTAATTTAT
320101 TGCTTTTATT GCTGAGTGGT ATTCCTATGC ATGGGTGTTT CACAGTTTAT
320151 TCATTCACCT GTTGAAGGAC ATTTGGGCGG TTTCTTAATT TTGGTGATTA
320201 TGAATAATGC CTCGTACAC ACTCATTTTA GGTTTTAGTG TAAAGGTAGT
320251 TTCCATTTTA CTTGGCAAAT ACCTTAAAAA ATGGGGATCA GTTTCATTTT
320301 CTTATTCAGC GTTGCTGCAT GGACTTATTT GCCTCTCCTC CTCACTTTGG
320351 TTACATGTGG GAAAAGTCAA GCAAAAACCT GGCCAGGGG CCTCTGGTTC
320401 CATAACACCA TTGGCCGGGC CTCTCTGCCT CAGGGCCTCT CCGGCATAGG
320451 TTTCCCATGG TTGGGGAGTC CTGGAAGTCC AGCTTTGGGG TCTGGGAACC
320501 AGGGAACAGG GGATCAGAAA GTCACTGGAC TCCAGGGACT ATATCATAGT
320551 TTAAAGAAGG GCTTGAGTAA AATGTGACCA GAATAGCATT GACAGTAATC
320601 AAGCAAGACG ATGGTAGAAG ACGGAGGAGT TGGCCTGGTG ACCAATGCCT
320651 GCCAGCCCTT TCTGCGCAGA AGAAATGCCA GGACCCACAG ACATGGCTTT
320701 CCCTGGAACC ACTCTCTGT TGGTGGTCTC ACTGGTGCCT GCCGCTAGCA
320751 GAGAGCAGCA TGGTTACAGG TGAGGCCCGG CACCCAGGCC AGCTGTGGGA
320801 CCTAGTTTCC AGCTCAAGCC GTGAAAACCT GGCTGCACCT CCTGACCCAT
320851 CTCAGCCTCA TTATCCTTTC CTGTAAGGTG AGGAAAATAG AAGTACATAC
320901 ATCAAAAAGT TTATGAGGGT GAAGTAAAT CATAAGGAC AACCTTTAGC
320951 AAAGTGCCGA CCACAGAGTG AGCCTTCCTC TTTGCCATTT GCAGTATTTT
321001 AAGGTATTTA ACATCGATAG ACCATACAAT TATGGCATTG TTAAGAGCTG
321051 GAAGCTCTTC TAGTCTGTTG TTCCCAACCC ACAGGTTTTT CCTATATGAG
321101 TTTACTTCAT CCCACAAAC CTCTGTATGC ATGTCTTCTT GTTTTCTCTA
321151 CTTTATAGAA GAAGACACTG AGGCCGAGAG GGGTTAGAAG GTGTGCCAC
321201 GTTGTGATGG CTTGAGCTAG AAGCCCTGTC TTCCAGGTGG CCTGGCTGCA
321251 ACCCTCCTAA CTCAGAATCT TCCCCACAAC AGCATGGCAG TCACTGATGC
321301 TCTCTGGAA ACCTTCTGGG GAAGGGGCTA AGTCTTCCCT TGCTCTACCT
321351 TAAAGACAGC TCTACCTTAA ACATGGCTGT TATATATTGC AACTATATAT
321401 CATTACCATA GAGCAAAATC ACCATGATTA CATCTGTTAG ATTAACCTTT
321451 GAGTGGGCTT GCTTCTGTT TGTGCATTCA GAATAATTGG TGGCCTAAGA
321501 ATCAATTGTA TTTGAGCAGT GTGGTCACCA GTTTACAAC TGAAGATCAT
321551 TCTCTGCACA TCATCTGTGG CCTCATCTTC TCCCTGACC CAAATTGGTA
321601 TTTATAGATT TCATTAATTA GCCTAGAATC CCAGAAGCTC AGATGCTTTG
321651 CTTGAGTTAC ATGAAGAGCA GGTAATGAA ACATGAAAAC TGATGTACTT
321701 GTTCTTTTAA AACTCATGCC CCAGGGTGT TGAAGTGAAG GTCCATGGTA
321751 AGAAATAGTG AACGCTGGT GAATTGAGGA TGGATGTGTG GTCCATGGTA
321801 TTTCAAAATC ATAGATATAT AGATCTTTTA AATGACAATA ATGTTAACTG
321851 TGTCAATGCT TGGAAATAAT GGAATTATGC TTGGAATTAA GTTAAATTC
321901 AGTATAAAAT AATAGCATAT GCAGTCACTA CAATTGTGTA AATATTAAGG
321951 ATCAGAAAGC AAAACACAAT AATGTAATTA ACTTGTTCG AATTTGTAA
322001 AATGATTTTA TTGCAAGTT AGCTAAAAAT AAAACTCTAG TGTTTAAACA
322051 AAACAAAACC AAAAACCCCC ACTACTGATA AACAACCTCA GCAAAGTCTC
322101 AGGATATAAA TTCATGTGAC AAAAATCACT AGCATTCCTA TACACCAACA
322151 ACAGTCAAGT CAAGAGTCAA ATCGGGAAAA CAATGTCATT CCAAAATGCC
322201 ACAAAAAGAA TTAAGTACTT AGGTAAC TAGGAGTGAAG GGCCTCTACA
322251 GTGAGAAATA CAAAACGCTG CTCAAAAAA TCAGAGATGA CACAAACAAA
322301 TGGAAAAACA TTCCATGTTT ATGGATAGGA AGAATCAGTA AAATGGCCAT
322351 AGTGCCCAAG GCAATTTATA GATTCTATGC TATTCCTGTC AAACGACAAG
322401 TGACATCTCT CATAGTACTA GAAAAAATTT TTAATAATTCA TATGAAACAA
322451 AAAGAAATGA GCCCCAATAG CCAAGGCAAT CCTAAGCAAA AAGAGCGAAG
322501 CTGGATGCAT CAGTGTACC TGAATTTCAA CTATGCTGCA GGGCTACAGT
322551 AACCCAAACA GCATGGTACT GGTACAAAAA CAGGCACAAA GACCAAGGGA
322601 ACAGAAATGA GAACCCAGAA ATAAGACCAC ATACCTACAA CCATCTGATC
322651 TTCCACAAAG CTGGCAAAAG AAATGGAGAA AGGACTCACT ATTCTATAAA
322701 TGGTGTGGG ATAATGGTT AGTCATATGC AGAAGATTGA AACTGTACCA
322751 TTCTTTACAT CATATACAAA AATCAACTCA AGATGGATTA AAGATTTAAA
322801 TGTAAAACCC AAAGCTATAA AAACCCTGAA AGATAACCCA GGCAATACCA
322851 TTCTGGACAT AGGAATGGGT AAAGATTTC TATGAAAGAT GGCAAAAGCA
322901 ATTGCAACAA AAGCAAAAAT TGACAAATGG GATCTAATA AACTAAAGAC
322951 CTCTGCACAG CAAAAGAACC TATCTACAGA GTAAATAGAC AACCTACAGA
323001 ACAGGAAAAA ATGTTTGCAA GCTATATAGG TCCAAAGGTC TAATATCTAG

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323051 CATCTATAAG GAACTTAGAC AAATTTACAG GAAAAAAGA ACAACCCCAT
323101 TAAAAAGTGG GTAGGCTGGG CGCAGTGGCT CATGCTTGTA ATCCAGCAC
323151 TTTGGGAGGC AGGCAGATTG CTTGAGCCCA GGAGTTTGAG ACCAGCCTGG
323201 GAAACATGGC AAAACCCCTGT CTCTATAGAA AAAAAAATA GTCCAAAAAT
323251 TAGCTGGGCA TGGTGGTGCA TGCCCATAGT CCCAGCCACT TGGGAGGCTG
323301 AGGTGGGAGG ATCGCTTGAG CCTGAGAGGT TGAGGTGTGG TGAGCTGTGA
323351 TTGCAACATT GTACTCCAGC CTGGGCAACA AAGTGAGACC TTGTCTCAA
323401 AAAAAAATA AAATAAGCAA AGAACATAAA CAGACACTTT TCAAAAGAAG
323451 ACATACACAG TGGCCAACAA GCATACAAAA TAAAGCTCAA CATCACAGAT
323501 CATTAGAGAA ATGAAAAATC AAAATGACAG TGAAATACCA TCTGACACCA
323551 GTCAGAAATG CTATTATTA AAAGTCAAAA AATAACAGAT GTGGCGGAGG
323601 TGGTGGAGAA AAAGGAATGC TTATACACTG TTGGTGGGAG TGTAAATTAGT
323651 TCAACCATTTG TGGAAAAACA GTGTGATGAT TTCCCAAGA CCTAAAAACA
323701 GAACCAACCAT TTGGCCAACC AATCCCATTG CTGGATGGAT ACATACCCAA
323751 AGGAATATAA ATCATTCTGT TATAAGACA TATGATGCA TATGTTCAAT
323801 GCAGCACAAT TCACAATAGC AAAGGCATGG AATCAACCCA AATGCCCATC
323851 AATGATAGAC TGGATAAAGA AAATGTGGTA CATATACACC ATGGGATACT
323901 ATGCAGCCAT AAAGAGAAGC AGATCATGTC CTTTGCAAGA CCATGGATGG
323951 AGCTGGAGCT CATATTCGTT GGCAACTAA CATAGGAACA GAAACTTAA
324001 TACCACATGT TCTCAGTTAG CAGGAGCTAA ATGATAAGAA CATACAGACA
324051 CAAAGAAGGG AATAACACAC ACTGGGGCCT ATTGGAGGGT GGAGGATGGG
324101 AGTAGGGAGA GGATCAGGAA AAATAACTAA TGGGTACTAG GCTTAATACC
324151 TGGGTGATAG CTGAGTGACA ACAAACCACC ATGACACAAG TTTACCTATG
324201 TAACAAACCT GCACATGTAT CCCCAGACTT AAACACACAC ACACATACAC
324251 ACACACACAC ACACACACAC ACACACACAC ACACACTCCA GCTACTCCTA
324301 CTAAGCAGTC CACTCTGCCT GGAAGTTGCT GGAAGGACTC CATGCGAAAG
324351 TGGTTTCTCT CCTCCAGAA CATGATTTA CTGGTTCTT TCAAAGCCTA
324401 TTCATCATCC TCCCTTCAGG ACACTCTTAA AATTTGCCTT CTGTGGAGCT
324451 CTTTACCATA AGAACAAGCA ACAATGACAT GTTCCAGCCC ATTAGTGTTA
324501 ATATTTGTTG ATCCGAAGAT GGAAATACA TTTTACTAGA CCCTTGTTTC
324551 CTTCTTGCTG CTGAGTATAT TTCAATCTA TAAAGCTTAG ATAAATTTTC
324601 TATATGCTCA CCTTTTTTGG TGGGAGACTT GCAAGAGAAA CCTACCCTAA
324651 AAGCTAACCT AGCCACCTTC TATTTGCAGA AATAAAGCAA AAATCATTTT
324701 AGTGTGTGAT TTGATGTACC AGAACCTAAA TTGCTTAAAT TAAAACTTT
324751 TTAGAGCAGT CTAGTAGAAT CATTGTTGCT CCGTGAGTAT GGCTAATAAC
324801 TCCATTTTAA GAACCAAGAA AGGAAATAAA ATAAGTTAAC CATCTCCCTT
324851 GAGCTGCAAA AGTTGCTAAT CAAAACTTC ATGTAACAA TGTACCGATA
324901 TCAGACTCTG GTTATGATCT GTATACATTT AGTGTGCAAT TCAAGTATAA
324951 AGGCTTTCAT TTTTGGCAG CCCAGATGCA AACAATAAAA TAATCCTGCT
325001 TATTTCTCTC CAGCAGCAGG TTTTGTCTAT CATATGTAAC TGACCGAACA
325051 GTGTTTAGCC ACAACAGAA AACACTTCT GCAGGTGGTT AGTTGTCTTT
325101 AATATGTCTC ATCAAGCCTA TCTGTGTGCT TCTGTGTGGG CTGCTGTGCT
325151 CTTCAAGGCC TAGTCAAGT GCCTTGGCCA GTTAGTGGTT AGATAATTAA
325201 TAGAGACTCA CTAAGTATGT ATTATTTACC GACTACCACT TTCCTGATTG
325251 CTTTGAAACT AATGAAATGA AAAAAAATG TAATTATGGT CCTTGAGGGA
325301 ATTTATGATC TAGTTAGAAG GGTAGGAAA TACTTTGGGC CCAGACACAG
325351 TGGCTACAC CTGTAATCCC AGCTCTTGG GAGGCTGAGG CAGGAGGATT
325401 GCTTCAGCCT AGGCGTTCAA GAGCAGTGT GGCAACAAAG TGAGACCTCA
325451 TCTCTACAAA AACTAAAAGA AAGAAAAAAA ATAGCCGGGG GTGGTGGTAT
325501 GGGCCTGTAG TCCTAGCTAG CTCCTTGGGA GGCTGAGGCA GGAAGACTGA
325551 TTAAGCTCAT GAGGTCGAGG CTGCACTGAG CTATGATCAC AGCACAACAA
325601 TGAGACCCCTG TCTCAAAAAA AAGAAAAGAA AAAGAGAGAG AGAGAAAAGAA
325651 GAAAGGAAGG AAAGAAGGAA GGAAGGAGAG GGGAGGAGAG GAGAGGAGGG
325701 ATAGGGGAGA GAGGGGAGGG CAGGAGAGAA GAGAGGAGAA GAGAAGAGAA
325751 GAGAAGAGCA AAACCTTGGA ATTGTTTCAT AGGAGTGGTA CCTTTCCCA
325801 CACTGACTGT AAAAAGTTCA GAGAAACAAA GGGATTTTCA CAGCAGTGCT
325851 TGCAATTCCA ACATCGCCT TGTGACTTTC AATTTTGAGT TAATATTTGA
325901 AACTGTCTTC GTTGCTGCA TAAAGTGATC AAGTGACCAT CAGTACAAAG
325951 ACTTTTTCAC ATACCTGTTT TAATTGCTCT GGAGAATGCC TGATTCTCTG
326001 AGTTATTGCC TAGAGGTTTT CAGAGTAAAT TACAAGAGTA CTACATAGAC
326051 TTTATATTAA GTCGGGTCAC CCCAAATATT TTATGAAAAC CTGCCAGCC
326101 ATTTCTACAT GACATGGTAA CAAGCATAGA GATGAAAATT TTATTATCT
326151 AGATTAGGCA AAATTCTCCT ATACGCTATG TTTAATGCCA TGGGTGTCT
326201 ATATTTTATC TTTATATTGT GCAATGTGT GTATGTGTAT TATACACACA
326251 TGTATGTAGA AGTACATATG TGTGCACATA TATGTGTATA ATTGTATGTA
326301 CACAAGTACA TACATACAAA TACTACATGT ACTATCAGGC TTTCTCAGGG
326351 GAGACTTAGT GTTTTTTTTA TCTTACTGG AAAAACTGT TGTGGTAAT
326401 AGCAAAGACA TTTTGTGTTA GCCATTAACG AGATAGCAGA GAAATCCTTT
326451 GCTATCTAAT ATGTCACGGT GAAGGCCACT GGTATGAGCT TATGTTGAAA
326501 TTCAGGATTT TTCTGATGTC ATGAGTGTAC TCAGGTGACC ACATTTTGAA
326551 TCTTTTACT TTTAAAAACA ATTCCCACC CAGTTCTTT AGCTGAGATT

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326601 GTCATTTGAA GACGTGTGCC CTGTTTCATCC AGCTGCACAT GACCAGAAGG
326651 CCCTGGAGAA TGGTTTAAGC CATTTTGAAG AGCACAGACA TGGGGGAGAA
326701 GGAGGTAATC GTGCATCAATA CATCATCCCT ACCTCTTTCA AACTTCTGTA
326751 TATTTTTCGT ACTTGGTTGG TTTGTTTTTG AGATGGGGAG AAGACAGAGG
326801 GAGGACAGAG GCTCTCAAGG AGTTTGTGAG TTTAGAGCTG GCCTGATGGC
326851 CATGAGCAGC ATGTTTTCCA TCTTGAAGAA AGAAGAGGTG GGAATTCAGA
326901 ATGGTGCAGT TGCCTTGGTA AAACCTTACG GTGGCTTTAT TTCTACTTAC
326951 CAAATACTAG AAACAACCTA TATGTCCCTT GACTGAGAAG TGGATAACTG
327001 TGCAGTATAC CTATGCAGTG GAATATTACT TAGCAACAAA AAGGAGCAAT
327051 ACACAGAATA CAGTGTCTTG CTGTGCAAAAT GCATTGTGCT ACATGAAAGA
327101 ACCCAGACTC AAAAATGACA CCCTTTCGTA TGATTTTGTA TAAATGCATG
327151 ATTCCACTTA TTTGACATTC TGAAAAAGAC AAAAAGCTGT GGGACCAAAA
327201 TTAGATCTGT GGTTCACAGG GTCTTTGGGT GGAGGAAAAG GGTGACTACA
327251 AAGGAGCACA AAGGGTTTGG GAGAGTGACA GAAATACTCG GTGTCTTGAT
327301 TATGGTGGTT ACACAAGGGT GCGCAGTTAT CAAAAGCTAC AACTGTACAT
327351 TAAAAAGGAT GAATAATTAT TGTATGCAAA CTATATCTAA AAATAAATAA
327401 GAAACAGATA TATATATTCC AGTAATTGCT TCTTGGTATT TGAATCAGGC
327451 CAAGGATAAC ATCTATCAGA AAGGTCTTTT ATTGATATTG AAATCTGCC
327501 CCAACGACTT CCCCTCCTTA CACACACACA CACACACACA CACACACACA
327551 CACACACACA CCTTCTCTCT CTCTCTGCCT GCCCCCACC A TCTCATATTT
327601 TCTTGTAAATC ATTTTATAGG GATTTATAGG ATGTCCAGCT CATGCACAAG
327651 TGTCAGCCTC TTGTTTGTAA TCTCGGTAGC TCAGCCTCCC GAGAGTGATC
327701 CAGCCATCCA TGACTGAGTT TTGATTCAAG AAACAGGACT GTGATCAAGA
327751 TATTAATTCT ATGCATTATA AACCAGGGAA CAGTTGGAAA AAAACTAAAG
327801 CTTAGTCTCC TTTAAGACTG GAAAAGTTGT ACTTTATATA TGCATATGTG
327851 AATAGTAGCA GGAATTTTTC TTGCATTCAA TTTTCTCATT CCTGAGAGGT
327901 TAGATGGTTC AAATGTGCTG GGGCAGGGAG GGATTTTCAC TCGGCTGTCA
327951 GAGCTTCATA TCCCTCACA TTTTGTAGTT TTAAGAAGAT ATTTAAAATG
328001 CTTATGTTTC TATACATTAC ATTAACCTTT AAATATGAAT ATTATAGTAA
328051 ATAATAAATC ATAATTCACA AGTGCAAGA CCTTCTGTGC CCATGTTTAG
328101 CATATTTGGT CGATTTCTTT TCCATGGCAC TCAATGACAG CTGAAGAAAT
328151 TTCTTTAGGA TGACAGATTG TCAGCACATT GACATAGATT GTTTTAGATG
328201 TATATTTTTA GTGGGAATGA ATGAAATTTA AGTGAGCTTT TCTCAGAAAT
328251 ATAGTAATAA GGAGAAGAGT TGCTATTTCA TGTGTCAAGC TTACAGGACT
328301 TTTTTCCTCC TCCTTGGGTT ATAGTCAACC TAATTAGCAA TTATTAACAA
328351 GTATCTTACA AAATAAAAAG AAAATTTGGA ATTTGTCTGAA AGCATCCTAA
328401 CATCTACTAG AATAGCGCTA TTGATAAGTA GTAAAGAAAT TTATCTCAA
328451 TCTCCCTTGC CCAAGATAGA GAAAAATTAA TTAAGAATAC TCTAGAATTT
328501 TTTTCTGGTC CTTTATTGAA CTTTATTACT TAATTAGTCC TTAGAGAGAA
328551 GAACCATCAA AACTTGGTAG GTGGTGACAG CATTTTTTTA CATTTATCTG
328601 TGAGATGGAA CTAGAATATG GAGTTCACAG GACAGCATTT CACTAACATA
328651 TCTTTTTTTT TTTTTTAAAA GACAGGGTCT TGCTCTGTCA CCCAGGCTGG
328701 AGTGCAGTAG CACGATCTTG GCTCACTGCA ACCTCCACCT CCCAGGTTCA
328751 AGCAATTCTC CTGCCCTCTG CTCCCTAGTA GCTGGGATTA CAAGCACCTG
328801 CCACCATAAC CAGCTAATTT TTGTATTTAT AGTAGAGACA GGGTTTCTTC
328851 ATGTTGGCCA GGCTGGTCTC AAACCTCTGAC CTCAGGTGAT CTGCCACTTT
328901 TGGCCTCCGA AAGTGCTGGG ATTACAGGCA TGAGCCACCG CGCCCGGCCC
328951 ATAAC TAGTT TTAATACTAT GATTACTTCA TAGAATCCTG GTTTCTTCAG
329001 AAAACTACTT TATCAGGATG AAGGGCTAAT TGTGTGGTTA TGACCTAGTT
329051 ACTGCTGGAA GTGCTGGAAA TCATTCAATA AGAAGGCAGG TGTGTGTTGT
329101 TTATTACCTC CAAACATTTG GGACCTCTCT TTTACTGCAT AGGGGCCGTG
329151 AGTACTGGAG TTCCGAAAGG AGAGTGGGAC ACACATGAAA CCCATTTTAA
329201 TGAAGGAATG TCCAAGCTGG TTCCCAGAT GCTGAAATTA GATGGGGACC
329251 TACTGGGGAA GAGCCATTTT CAAACAGGAG AGAACAGGCC TAGCTTCCTA
329301 AAGGACTGTG TCAGATCTTC AGCACTAGCC CAGAGGGAAG TATTTCTCCA
329351 CACTCACTGC AAATGGCCAC TGTGCTACAC AGAGCCCTTA TCTGGATTCC
329401 TTTTAAACTG CAAAGATTTT AAAGGAGAGA TCTTTATGCT TTTTAAATTT
329451 CCAGGTGTAT TACTCATTA AATATGGACAT TGAGCCCAAG AACAGTGTAG
329501 TTCCCATGGT AGTGGACCGT ATTATATTTT ATTTAGTTCT TCTATATTAC
329551 TTGGTTTTTT TTAATCTGT GTTTGGCTAT TTAAGAGTTT ATACTTTGAT
329601 CAAATGAATA ATATCTAGTA TTTGATAGCA CAACCAGGTG ACTATAGTCA
329651 ACAGTAATTT ATTGTACATT TAAAAATAAC TAAACAGGCC AGGCGCCATG
329701 GCTCATGCCT ATAATCCCAA CACTTTGGGA GGCTGAGGCG GGCAGATCAC
329751 CTGAGGTGAG GAGTTTGAGA CCAGCCTGGC CAACATGGAA ACCCATCTC
329801 TACTAAAAAT ACAAATAATTA GCTGGGCATG GTGGCACACA CCTGTAAATCC
329851 CAGCTGCTCG GGAGGCTGAG GCAGGAGAAT CGCTTGAACC CAGGAGACAG
329901 AGGTTGCAGT GAGCCAAGAT CGCACCATTG CACTCCAGCC CGGGTGACAA
329951 GAGCAAAACT CCATCTCAAA AAATAAATAA ATAGCTAAAA CAGTAGAATT
330001 GGATTGTGTA TAACACAAAG AAAGGATAAA TTCTTGAGGT GATGGATACG
330051 CTATTTACCC TGAGGTAAAA TACCTATTTT AAAATATCTC ATGTACCCCA
330101 TAAATATATA CACCTAATAT GTATCCACGA AAATAAAAAA TTTAAATTTT

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330151 TATTAATAAA TAAATAATA ATTTACATTT TGGTAATTGG TTATAGTACG
330201 TTCTTAAGAG AAACAAATAA AACTTTACAT TAACTATTGG GACTTGAAGG
330251 AAACGATTTC ATCTGCAACT ATATAGACTG TTAAGGCCCG TGTTCCCACT
330301 TTTTtaggaa TTTGATGGAG AGGTTGTCTT ACTACCATAG GTTTTATTTG
330351 GTTTAGGTTT CCTTTTCTAT AGTATTTTAA CATTTTAAAG GGCCCAAAAT
330401 GTTCATTTAA TGGGATGACT GTTAATGGGT GGAGTCTCCC AGGGCCGATT
330451 AGCTGTTTTGA ATGCAAGTTT ATTACTCATA ATGGCACTTT TTTTAAGTGT
330501 TAAAGTTTTG GTAACATTT CATCTGAATT CATAAAATTA AAAGTGTGTA
330551 TATTTCATTA TAACTGAAGG GAGAAATTGT ATAGAATTAG CAGTTGATTC
330601 CGTTTGGACT GTGAATAATT ATCTATGGGA AGGTACCCTT GATTAAATCT
330651 GACTATTTAA GAGATAAGTG AATCTTAAAT TCTTAATTTA CAAAAGTTTG
330701 ATCTATATCC AATGGGAATG AATCTCTTTT TGTATTCCAT GATTAAATTT
330751 TTTTCAAGAA TTCTTAACT CCCATGTTAT TTTCCCTGTT TAATTTTGCA
330801 GAGGCTATGA CTTCCTCAAT GCAAGGTTCC TTCACCCTTG AGAATCTCCT
330851 GGTTACTAAT GGCACCATG TGTACATAA TGAGCTTCCA GACTGAAATC
330901 AGACCAAGTT TGTTTCATTT GCACTATAAG AAATGGTAGT TATTCTTCTG
330951 TGAAGACATA TATAGAATGA GCAGTGATGC ATATAACTGA AAATCCCTCA
331001 GGGAGCATT TGTTATTTGT GAAAAGTGTC ATCTCGTTCT CTAAGAAGTT
331051 CCTCAGCTTT TTCTGTTTGT TAGGGGAGG GCACAGGAAC ATGATGGCAT
331101 GGTGTTACAT TTGGTGATTT GGTGCACACA ACTGTCTGTG GTCATGCACT
331151 TTGATGTAAC TCTTGTCCAA CTGGCCTATC CAAAGTACAG ATATATCTTC
331201 TTATAGATGG CTTTTAAAAA AAAGTAAAAA GCCCATCCTC AATAGATAAA
331251 AACTATTGCA AACAATTTTA AATCCTTAAT AAGAAAAATA TTTCAAAATG
331301 CTGTGCATTG ACAGTATTTG AAGGAGGTGG GGATGTTATA AGGGATGGTT
331351 TTTAGAAAGA AAGAGCTGAG AGACATGAAT TTTGCAGTGC AGAGAACATG
331401 AGCTTTAGAT TCAAGCTCCA GTTGAATGAT CTTTCTGTAC TTCAGAGTCA
331451 TAATTATAAA ATAAGATTTA GTTGACCTCT GCAGGTAGTA GTGGCAGTTA
331501 AATGATGCAG GGGAGGCAAA GCTTTACCTC TATCCTCTTA GGGTCTGGC
331551 TGGGCTGAG AATTAAATGG ACATGACAAA TTAAGCCAGG CACAGTAATC
331601 CCAGCTACTA GGGAGGCTGA GGCAGGAGGA TTGCTTGAGG CCAGGAGTTT
331651 GAGACCAGCC TGGGCAACAT AGTGAGACCC CCATCTCTAA GAAAAAATAA
331701 ATTGACAGAA CAAATTAACA GGAGAAAAGC ACACCAATTT ATTTAATATA
331751 AGTTTTATGT GGCACGGGAG CCTCAAAGG AAAATAAAGA TTAATAAATA
331801 AACACAGTCA GTTATTTTAA TATATTGAAT TGGACAAACA AAGATAAGTT
331851 GTAATAATGCA ATAAGGCCAG CAGGCTTGGC CTAGGGTAGG TAATTATTGG
331901 AGAAGGAAC TGAAGGATTA GGGTTAGTTA ACAACCTTTG TGCAGATTTT
331951 CCTTGGATTC AACCTTCTAT CCTTGATGAT AAGAATGCTA CTTTCTTTT
332001 GGGGTAGGAA GGACATCTTT CACATGGGAG TTTACCTTCC TGCCTTTAAG
332051 AAACAGAACG AAGGTCACAG TGATCTTCTT GTGCCTGCTG TTTTATTAGT
332101 TCCCTTAAAT CAAAACAGCC AATATGCCAG AACATCATAT TTTTAACTCC
332151 TTTGGTGGCA TGAATATGGA GCTCCTACCT GAGTCTAAAC ACATGCAGCC
332201 GCTTCCGAGA CACGGAGTCA TTGCCATAGA TGATTATGTG GGATCTGACA
332251 GAAGTTTGT ACTTGAAAT AATTTACAC AAGTCTTCCA CGTTGGAGGG
332301 CAGCTGTGGG CTGCAGAAGA GCCTGGAGAG AGTAGTCCCT GTGGCCTTGC
332351 CTCCGTCCCT GAGTGATTTT AGATGAACAA GGACCTTTCC CCTGAACATT
332401 TGCTGTCATG GATTTTAAAG GACTCCCTTC TCTGGAAGCT GCCCTCAAAG
332451 CATTTCAAGT GCTCTTGCTG ATGGCAGATG AAGCTGCCGT AAAGCAGGGG
332501 GATGTGATTG AGCAAAAAAT CTTTCTCTT TCAACCCAGC AGAGCAAAAT
332551 AGTAACCTTA CTTTATGAAA ACAAATTGG CTGTTTCCAA TAGAGCACTC
332601 AGATCTTCAG GAAAAATGTAG CATATTTCTT AAAGGAGGTT AAAGTGAAT
332651 GAAACCTTTG CTGGTGTTT CATATATTCT ACCATAATCG TAATAACAAC
332701 AGCAGCTCAC ATTTATTTGG CTTTAAATG TACCGTCCAT TGCTTTAAGT
332751 GTTTTACACA TACTGTATTC ACTTATTTAA TGTCCACCAA CTCCTAAGTC
332801 CCTGTTAGAT GATCTTCATT TTACGTGAGG AAGCCAAGGC ACCCAGAGGT
332851 GCGATGTAAC TTGTCCACAC TCAAACAGCA GCAAAGCTGG CATTTAACCC
332901 AGACATGCTG ATTTTAGAAC ACTAACTGCA TATGCTGCAT CTATAATGAG
332951 TAAAAATCTA TAACAGGTAA AAATGTACAA TGGAGAATGG TGGGAACAG
333001 TACCAGGAAC CTGTGCAGAC CTGGTCAGAG CAGGAAAGGA AATAAACACA
333051 GTTACATGAT TATAAAACAA CAAATTGGAT AATAAGATCA GTCCTGAAAA
333101 GTCAACCAAA AGATGCTCAC GCCAGACATT ATTGCACAGT ATCTTGAATC
333151 AGGCCAGAT ATCTAAAATA AGCCTCTTTC CAGTGATTTT TCAAGAATCT
333201 TGCTTATTAT ATAGGGTGCA GCAACTCATT TTGACTTTAA AGGAGTAGTG
333251 TGGCAGGCTC CTGGACACCT GGAGGCACTA TATGAATTTT TGCCTAAAAA
333301 TTCAATCCATA GGAAGGAGAT TTGCTGAAC TATGAATTTT ACATTTTACA
333351 AGAAGTACAT ATGTCTCCAT GCTAAGAAGT AACTCCCTGG GCGATCGCCG
333401 TCATGCTGAG TGTTTCCATC TCCAAGCCCT GCTGCAGCCT GCCTCCTTGT
333451 CTCACCCAT GCCTGGAAAA CTAACCCCT ATAAAAAGTCT CAGTAAGCAA
333501 CAGTGAGAA TACTGTAAGG TGTACAGGA GAGATGGTTT TGGCAGCCAA
333551 AAAGGGCTTA TGATCCTAAG ATCCACCTTA AAAGTGTCT GTTGCCAGT
333601 TCTGTATTAA TTCTGAGCAG AGGCAGCAGA AAGCATCTTT CAGGGTCGAG
333651 AATTTCTGAG ATCTTGACCG TCAGGAAAAG GATGCTTCCA GGCAGCCGTG

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333701 GAAACTGAAA TCCGAGCCCT AATCTTGCTC AGAGCTGCTG AGGTCTGTTT
333751 GTAGGAAAAC ATCGGGTTAT TGTCTGAATA ACATACATCC AAGTTACAAC
333801 GGGAAAAGAA ATCTGCCTTA TGGAAAGAGA ATGAACATTT GCTGGGTAGA
333851 GTTTATGCCT GCCTAGATGC TCCACCTCCA GGCTCTAGGT ACTCTACTTC
333901 GGAGTGCAGT CTGCGCTCCC TCTTCTGGGA TGGCTGCGGA GCCCAGGGCA
333951 TCTCTCTCTA AGGCTTTCAA CAAGTCTTAT GGGCTGTCTA GACTCGCTGT
334001 CTTGGAATGA GTTAGTGCTC TGACCTGAGG AAAATTCCCC ATGTTTCTCA
334051 GTGTCAAGCC AAAATCTCTA GGGCTTCAGT ATTGCCCCAC GGTCTTGCC
334101 CGCTGGCCAA ACACATAACT CTTTTTGCGC CTCATACAGG TAAATGTGAG
334151 CCAGTGCTGC TCTTACAACC TGCCTCCAC ATCCCTGCT GTGGGTGGCT
334201 CTCTCCTGAA GATGGTACTT CTCCAGAAGT TTCCAAATGA TCAGAGAGGA
334251 ACTGCTTCTG GGTACTCCTC CTTCTCCTTC TTCTTCTTGC CAGAGGCCTT
334301 GAATTTGCTA TTGAGAGATT TGGCAATATA CTTTGAAACG TGAAGATAAT
334351 GAAGTTGTTG GGTGTGAACA AATGTTACTT GACTATTTAA ATATTAATAA
334401 TATGATATAC ATGGTGTATT AGTCCATTCT CACACTGCTA ATAAAGAACT
334451 GCCTGAGACT GGGTAACTTA CAAAGGAAAG AGGTTTAATT GACTCATAGT
334501 TCTGCATGGC TGGGGAGGCC TCAGGAAACT TACAGTCATG GTGGAAGGGG
334551 AAGCATACAT GTCCTTCTTC ACATGGCAGC ATCAAGGAGA AGTGCAGAGC
334601 AAAGTGGGGG CAGAAAGCCA CTTATAAAAC CATCAGATCT CGGGAGAACT
334651 CCCTCATTAT CACGAGAATA ACATGTAGGT ATCTGCCCCC ATGATTCAAT
334701 TACCTCCAC CGGGTCCCTC CCATGACACG TGAGGATTAT GGGAACTACA
334751 ATTCAGATG AGATTTGGGT GAGGACACAG CCAAACCATA TCACATGGTA
334801 ACCTACGTTA GAGATTCGTT GTATGAATAG CAGAAGTTTA AAAAGTTTGT
334851 CCTTGCAGAA AACAGTTCCT ATTATTGTTA CAAATAAGTA TACATCATCT
334901 TAGAAGTTGT CTTTACAAAT ATGAACAATG AGTAATGGCA GGGAAACAAG
334951 TGGTTAAGAT TCAAGTATTG AGGCTCAGTT TCTATACTGG CAACTCCATG
335001 GAGAGCTTGA AGACCAGCAG CTACATTCCC TGCTTGTATC ATCCGGGGGT
335051 AGGAAAAGCA TTGAAAGATG GGATGACTAA TGCCTGCTAA ATGCTGGCCA
335101 ACTTTAAAAA AAATTGACTT TAGTATTATG AGATACGAAT GGCATATTTT
335151 AATTAGGAAA TACAGTAATC CTAAGTGAGC TTCATTCTTT ACACAAAATA
335201 TAGGAAGATG ATACATGTTT ACTGTGCTTG AGAAGTTTCT CCTCAAATTC
335251 AATGCAGAAA GGCAGTCTGT GAGGCAGTAG GAAATGCAGC TGCTGGAATT
335301 CTGTTATCAG TATGTGTATC AGTTCGTGAT GAGTTGTAAA ATAGAAGCCT
335351 GATGTGCTGC ATATTAATTT AGCAATAGAT AAGTCTGAAA ATAGACTTAC
335401 CTTCAATTCG ATCATAAAAG TCAACCTCCC ACCTAACACG TTGAAACTCC
335451 TGTGGTTGTG AAAGAAGAAA AATGAAGTTC CACTTCCCTT TCATTCCATG
335501 AGCCCTTCA GTGGTACTG CCTCACTAGA GGTGCAAGTT ACTAGAACCG
335551 CAGAATATA ACTGTTACAT AAAATGATGA AATATGCGCA CAGAAAATAA
335601 GGGAGCTTTT TTTTAAAAA ACTAATTTGT ATGCTTTGGA AAGACTCAAA
335651 GGTGAGTTTT TTTTTTTTAA AGCTAATTAG ATATGGGTAA GACAAGTGTG
335701 AAAAAGTGA GAATTTTTTT TTTAAAGGCG TGAAGGATGT ACACCTCAAT
335751 TGCCCTGTAA TTTTCCCTTT ACTTAAACC CTGAAACCGG ACATTTTCTA
335801 ACTGAAATCA CATGACACT CTGTGGTATC TATGTGTGAT GGAGAATATG
335851 GAGCCAGGAG AGCAGTCTTT GGATACAGAA CCACATTTTG GTTGAATGAC
335901 TTTATGTTTA TGTATTGTA GTTAAATGCA ATATGTATGT GGTGAGGTTT
335951 CATGGCTTTT TCAAGTACT AACTACAGGT CTTAAGTAAG TCAGGTGACA
336001 GGATTTGAC AGATGTAAA AACGAGTTTA ATATAAACT ATCAATTTGT
336051 TGAAGTGA TATCAAAATG AGAACCTCAG TGTTTGGGGA ACAGTTAAAT
336101 CTACAACATA GTAATTAGT AGAGTTTCAT GGAGTCAATT TAAGGAATAT
336151 CCCATGATAT GTAAAAATAT ATATGTATAT TATTAAATTG TATATTTGTA
336201 AAGATGTGGC CCAGATATAA ACTTTATTTA CCTCCAGCCA TATAATAAGT
336251 AAATATCACA CAGATTAGTT GTGCAGTCCA ACTCTCGTGC GTGTGCACAG
336301 ATCAGCCTCG GGACCAAAAT GCCACATCCC TCTTCCCAT ATGTTAGTAT
336351 TGAAGTCTG CCAATCCTTC AAAAAGTGC TCAGATGTTA CCATTACCTG
336401 AAGGCTTTCC TAAGTTCTCC ACATCAAACT GTGGTTCAT TAGCCAAACC
336451 TGTTTGTCTG TAATACGTTG GAATATTACC TGCTGTTTCC TGTAGCTAGA
336501 AGTGTGCTT AGTACTATGG TTTTCGGAAT CACAGTACTG AAGAGGCATC
336551 TGAGAAGTGT GTATGTGTTT GCACACAGTA CTCAATCTCT AGCTTTTCTA
336601 AAACGCCATC TCTGGCAGAT TTGCTTAACT TATTTTAAAG AGCACACACT
336651 GAAGTAGTAT GACAAGCAGC ACAAGAAGTT CTGTTTCTG TGTGGAAGA
336701 AATAACAAAT GATTATACAC AGCAAGGACA AAGAGATGAG TTTTATAGAGA
336751 AAAAAGCACA TTAGCAATAA TATTCCACTG GCGAAGTCAC TACCTATGCA
336801 TCCATATAT TGTATACATT GGCAAGCAT TTTGTTTCAA CTTTGCCTTT
336851 TCGTTTTTTC CAGTATGTAT AAAATGCTTG TCTTAATTAA TAGTCATTTT
336901 CTGCTGGGGG TGGGGTAAGG AATGGCCGTT TTAATGATAT TAATGTACAG
336951 TGGATTCTTG GCTGTGAAGG AGTGTACCA AATATTACAG CTGTATTAA
337001 AAGTGTAAAG ATAGAAATAA GTGGTCCCTG TTTAAAAAGC TATAAGATTT
337051 AGAAGCCTCT CCGCTCTGAC AGGGATGGTA AAGCTCATTT TAATTCIGAA
337101 ATGCAACTTC CATGTGTTTT ACAGTTTAAT TTTCTATAAT TTTAACCAAT
337151 TTTATATAAT GAGTTTTGTA GCTTTATAAG TATATTAATC TAACAATTAA
337201 ATAGAGAAAA ACAATTGTTT CTACACGTAC AGGACTAGAA TGTGTGGCTA

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337251 GTTTCTCTCT TATTGGTACC TCTACACAGT GGAGCTTTCT GTAAACACAT
337301 TCTAAATATA GAAGTGTCTT TAAAGATGAG CTTTTCCTCT TTTTCTGTTA
337351 AGACAGAGCT TCCTTTGGGC TGGCATTTTG TTTACTCTGA AGGGGCTCCT
337401 CCAGGAGAGA CACTCTGAAC CCCGTGCATT CTGGGTGCCG AGCTGCCGCA
337451 GGCTGGTTTG GGGACTTCTC AACTTAGTGC GCAGAAAAAT GAATTCTGTG
337501 AACTTAAAAAT CAGAGTCTCT GCCCAAGGGG ACTTCTAGCA TCAAGAAAAAG
337551 GTAGAAGCTA GCTGAGGTTT AAGAGGTTTG TGCAGGAGAA AAATGAGGCG
337601 TTAAATGGTT AAACACTGCC AGCAGATTTT TAGCATTGTT TAATAGTTTT
337651 AAATTATGGA GGTCTTAGGT CCAAAATGTA ACAGTTATCC AACTCACTGA
337701 CATTAAACAT TCAGTTGCCA GCTTCTGTTT TCTTGGTCAT TAATTTTCAG
337751 TCTATGTATT TTCGGTGTCT TGCTAAGAGT TTTGTAAAA TAACTTTCT
337801 TGTTTGCATT CTCATTTTCT ACAAATTCAG ACTTTGCTTT AGAATCCAAC
337851 AGATGCATAC TTGGAGTTAG CTATTTTTTT CCATCTACCC TATTTTTTTT
337901 CCTTCTACCT TTTATTTAAT GAGGAGGCCA GGTGTGGTGG CTCACACCTG
337951 TAATCCCAGC ACTTTGGGAG GCTGGGGTGG ACATATCACT TGAGCCTAGG
338001 AGTTTCGATC CAGCCTGCGC AACATGGCAA AAATCTATCT CTATAAAAAA
338051 TGCAAAAAATA CAAAATTAGC CAGGCATGGT GGTGCACACC TGTATTCTTA
338101 GCTACTTGGG AAGCTAAGAT CAGAGGATCA CCTGAGCCCA GGGTGGTCAA
338151 GGCTACTGTG AGCCAAGATC ATGCCACTGT ACTCCAGCCT GGGCAACAGA
338201 GTAAGACCCT GTCTCAAAAA AAAAGAAAAA GAGTAACAAA GTAAGATATC
338251 TTTTGTCTGG TTATAATAAA AGCTGTAGTA TGTATAATTT ACTCAAAAGC
338301 AGAGCTTGCT TTGGAAATCT CTACATGCTT GAAATTTAAA GCAGTGCATA
338351 TATAGTCTCC ATATGTATTC CATACTGTAA ACCATGATGG TGTTCAGGG
338401 ATTGAGTCTG AGTGTTTATA AAATGGCACA TGGCACTTAA TTTTGAAACC
338451 GTGGAAATAT TTAAATTACT GACTTGATGA AGGCTATAGA TCAATGTAAG
338501 AACTTATTAG TTCTCACATT GATTTGGATG CATTCAAAGA TGCTAAATGA
338551 TTGCCAATAT AGTTTTTTTT TCTGGACTAT TTAATTCATG GTAGGTATAT
338601 CCAGTATGTA TAAGAAAGTA AAAAAAATGC AAACACTTTA ATCTCAATA
338651 ACAGTATGCA GTGCTCTAAT GTAATATCTT CTAATCTGAA GGGCAGGTCA
338701 TAAGAGCAGG CTCCTGGTGA TGAGATGGGA GATCATTTCT CATTTGTTGG
338751 AAGATCAACT TTATTTTCATG CCCTAGAAAT GCTTGCTTTA CAAAGAAACA
338801 TACGTAGGCG AGCATGTATC CTGAGGTTTC CAAAAGAGAA AAGATTTGTT
338851 CACAGGGGTA AGTTGAGGAG GCGGGAGAAC AGCTCTCAA TCCACCTCCC
338901 TGCCGATAAG ACTTAGGAAT ATTTTGGGT TAGGAAGTAA CAGGTTCAAT
338951 TGTGCAAGCG TATTTGGGGT TCTTGGCACT TCATATGACA TATATACAGA
339001 AGATGGCAGT TTAGCATGA TCTGTGGTG GAGTTTTTTG GCCCTCTGGC
339051 TTCAAAGGC CACCTCTCAG GCATTTGCGC AGGCCCACTT GAAGGGTTGG
339101 TGGTCTCAGC TGGTTTGAAG TGAACAGCAG CTGGCCCAAG TTTCTGAAAA
339151 ACAGCTGAAG CCAACATTAC CAGGAATGTC ATCTGTAATG CAGCCAGTAA
339201 TGGTTAAGTT TCAGTGTTCT GTGGCACGGC CTTCAACTTC ATGGAAAAGG
339251 GACAAAAATA ACATAAAGCA AGTGGCCAAA AGCAAGCAGA GCAGGCAGTT
339301 GTGATCAGAT TAACCTCTTG GTTTCACATG TATGAACATC TGTATACAGG
339351 TTTTGTGAT AGAAATAGGT ATTCAGTTCT CTCAATACC TAGAAGTGGA
339401 ATTGGTGAGT CATAATGATA ACGCTATCTT TAACATTTG AGGAACGTGT
339451 GAACTGTTTT CTGAAGTGGC TTCATCATTT TACATTCTTA CCAGCAATGT
339501 GCTAGGTTC AGTTTCTCCA TATCCTCACC AGCACTTGTA TTGCTGTCT
339551 TTTTTTACTA TAACCATTCT GATGGGTTTG AAGTGGTATG CCATTGTGGT
339601 TTTGGTTTCC ATTTCCATGA TGAGTAAGGA TGTAAACAT CTTTTCATGT
339651 GGTATTATAG CGTTTATATA TCATCTTTGG AGCAATGTCT ATTCAGATTC
339701 TTTGCCCAT TTTGGATTGG GTTGTCTTTT TATTGTTGGG CTATAAGTGT
339751 TCTTTATGTA ATCTATATAC AAATGCCAAA TCCTATATGA GATATATTAT
339801 TTGTAATAT TTTATCCCAT TCTGTAGGTT GTCTTTTCAC CTTCTTTATA
339851 GTGTTTTTTT TTTTTTAGCA CAAATGTTTG TAATTTTGAT AAAGTCTAAT
339901 TTATCTGTTT TTTCTTTTGT CCCTTATGCT TTTGGTGCCT TATCTAAAAA
339951 ATTACTGCCT AGCCCAAGGT CAAAAAAGCT TACTCCATTT TCTGTAGGA
340001 ATTCTATAGA TTCAGCTCTT AAACCTACGA CTGTTATTTA TTTTGAGTTA
340051 TTGTTTGITA ATGGTGTGAG GTAGTTGTCC AACTTCATTC TTTTGCATGT
340101 TGATATATAG TTGTACCAGT ACCATTTACT GAAAAGACTA TTCTTTTTC
340151 TATTGAATTG TCTTGGTAAC TTGTTGAAAA TCAATTGACT AAAACAGAGA
340201 GAGTTTATTC CTGGACTCTC AGTTCTATCC CATTTATTTA TACATCTATC
340251 TGCAAAATTA TTTTAATAAA AACAAATAGT GAGCACATTA ATCCAGTGTG
340301 AGTAATTCAT GGATCCATTA CTAATCTTTT GTGAAAAATA GAGAAATGGAA
340351 AAGTATCTTT AATCCTGTTA CTGTAAATGT TTTGCTGTAT TTCCTTGAG
340401 TAGACTTAGA CCATTTAATT CTTTACAAC AGCTATTCCT ACCTGTTTCT
340451 TTTTTTAACT CACTCTGCTC ATGTTACTTC TTTTCTGTG CACTCGAGAA
340501 GCCAGAAATA AACTGCAAA GCACAATAAC CCCTAAAATC ACTTGCTGT
340551 CTCACACACA CAGGAAGAAA GGAATAAAGG GTAAATTTCC TTTAATATT
340601 TTATGTTTTT TTGTTCTTTT TTTCTACAGT AAGCTACTCA TTTACTGCAT
340651 CTGATACTGA GGCTCTACAG TAGCCATGCA CTTTAGTCTG TCTCTTAAGA
340701 CACTTTTGGA GATATTTTCA TCACTGGTTT AAATCACAAG TTGCCTTAAT
340751 TTAAGACAA GAAAGAGAGC ATTCTGAACA AAACATAAAC ATTTTTTAGC

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340801 CCAAGTTCAA ACTGGCTTTT TTGCTCCCCA GAACCTTTTT TTTTTTTTGA
340851 GCACAGGGTC TTGCTGTGTC ACCCAAGCTG GAAGTGCAGT GCCACAGTCA
340901 TAGCTCAGTG AAGCTTTGAC TTCTTGGGCT CAAGTGATTC TCCCACTTCA
340951 ACTTTCTAGG TAGTTGGGAC TACAGGCATG CACTACCATG TCCAGCTAAA
341001 TGTTTAAAT TTTTGTAGAG GCCAGGCATG GTGGCTCACT CTGTATATCC
341051 CAGCACTTTG GGAGGCCGAG GAAGGCAGAT CACTTGAGGT CAGGAGTCTG
341101 AGACCAGCCT GGGCAACGTG GTGAAATCCC ATCTCTACTA AAAATACAAA
341151 AATTGTGCTGG GCATGCTGCT GCATGCCTGT AATCCCACT ATTCTGGGAGG
341201 CTGAGGCAGG AGAATCACTT GAACCTGGGA GGCAGAGGTT GCAGTGAACC
341251 GATATCATGC CACTGCACTC CAGCCTGGGT GACAGAGCAA GACTCCATCT
341301 CAAAAAATAA AAAAAATTTT TTTTGTAG AGTTGTCTCA CTGTGTACC
341351 CAAGCTGTTT TCAAACTCCT GGGCTCAACC TCCCACTTCA GCCTCCCAAA
341401 GTGCTGGTAT TACAGGCTTG AGGTACTGTG CCTGGCCCCC ACAAGAGCTT
341451 TTTATACCTG AAATACCTAT TTAAAGTATA TTTCTACTTA AAATTTTTTT
341501 TCATCTTTCA GATACACTTT AATACCATG TCTTAACCTT TACAAACCAC
341551 TGTAACCTTA TAAACAGAGA TTAAGTAGA AGCAAACTGG CAATCCATAT
341601 TTTCAGAGAG CTGAGAGGTT TTCCACAGAG CTGAAAGAGA ACTAAGGAAT
341651 ACAATCTCTA GAAGGAAGAA TTGCGTCTTA CCTAAGAGGT AGGCATGAAG
341701 GACACATGCA CTTTTTGCAA ACTGTGCTGT TGAAATTTAC ACGCTACATC
341751 TTCAGTTGTC TGACTTGGAC AATGACACTG CTTGTATATG AAATAATATT
341801 AGCTTAAAT TATTAAACAG TGAAATACTG CTTTTAAAG TGAGGTGTCT
341851 TCAAAGATGG GAACAACAGA CACAGGGGCC TCTGAAATGG GAGAGGGAGA
341901 GGCCGAGCTG TAGAAAAACT ACCTGTTAGG TACTGTGTTT CACTATTTGG
341951 GTGACATGAT CAGTGGAAAG CCAAACTTCA GCATCTCGCA GTATACCCAC
342001 GTAACAAACC TGTACATGTA CCCCTGAAT CTGAAATAAA ACAAGAATA
342051 AAAATGAAGT GTCCTATCTA AAATGAAAA CTATATTGCT TTGCCCTTTC
342101 AAACCTAACA TGTCCAAAAG AGAGCTGTTG ATTCTTTCAT CTCACACTC
342151 GTTCTTCTG CTTTGTCTTC CCCTGCCCTG TCCTTTCCCTC TCCCTTTGTG
342201 ATCCACCCCT GCTGAGCTTC CCACCTTTTG GCACCAGCT CATAATTCCT
342251 TATTATGCTC CAGCTGTATT GCCCTCTTA CTTATCTGAA CAGGTGGCAC
342301 TTTCTTCTC CTAGCTGCTT TGCTCCCAA TGTCTGTTT CCTTTGAAA
342351 GGTGTGTTGG TCTCTCTCT AGCTCACAAC ACCCTGTGTT CTTAGAGCT
342401 CTGATGTTCT TATTGTACG TTTCTTCTG TATTACTTGT GTCCTCACTG
342451 GTCCATAGGT GCCTTGGAGA CAAGGATCCT ATCTGTCTTT CCCCTCAAT
342501 CTCCAGCTCC TGGAGTAGAG CCTAGTCCAT AGTTGGTGCT CCATAAATAT
342551 GTGTTCAATA AATGATCAAG CAGGAGTGAG TTATAACCAG AGGTCAAAC
342601 CCTGGGGCAT CGGAGAAGAC ATGCATATGT GTCAAGTCGT AATTAATGTG
342651 TTGCCCCAGA GAGGACCATG TCAGCTGTCT GCTTCTGGG GAGCTGGCTT
342701 CTGGCAGCTT CAACATCTA AATACAGTCA AGGAGAAAGT TGCATCAGT
342751 CCATTTGTTT TTGTTTTTCC ATTGGATTTT GAACCCAGG AGAACAGTTG
342801 CCATAACAGC TTTCTTCTAG CTTTGGTAG TCTCTAACCT CCATTCAATA
342851 TTGACTACTG TGGGAAAAGC ACTCTCTCTG AACGAGGCTT CTTACTGTTT
342901 CTGAATTTAC CCATACTTCT AATCTTATG CTAATAATT TGTACAGAAG
342951 TCTGTTTCTT TAGATAGTAA GTTAAAGATG AGAATTGAA TGGAGACTGC
343001 TGATCTCGCT ATAGGCCCAT GCAGCCAGCT CCTGGCCACA TCTCAAGGCT
343051 CAGCTGAAGT GGCCTTTCCT CGGGGAACCC TCCTTCAGGT CCTTGGCACA
343101 TTTTACTGTC TTTAATAAAT AGCACTGACT CCATTTGGGA TGAAAAAAGC
343151 AAATATGCAG TCTGTTATTG GGCCAGGCC CAATTTAAAC ATCTTGAGGG
343201 CAGAGAACAT CTGTCTTTTT TTTTAAAGGA AAAAAAAGC AAAACACTAC
343251 TCTATCTCCA AAACCTGATA TGTACTCAAT ATTTAATAAA AATAAATTGA
343301 ATTAATTAAT CCTTTCCAAC CTTACAGATA TTCTGATTG ATAGATCCAT
343351 TGTCCAGCAA CAATAATATA TGACTATGTC TATCTTAGTA AATAAATTTT
343401 TAAAAAGCTC AAATACTGGG ACATGAATGG CTCACTGAGA GCAATAGGGT
343451 GTGGAGAAAG AGAGAGAGGG AGCGAGCAGA GGGAGCTGGA TGTACACGCA
343501 GTTGACAGTC GTCACCTGTT TCCTGAGTAG ACTATTTGAG TTTTGAACG
343551 GTTATTGGTG TGATTATGTC TATCCCATCA AATTGTTGAT GAACCTTCCA
343601 GTTTTTTTTT GAAAATAAAT ATTAAAGGAT ACAATTCTGA TTATGTTTAT
343651 ATTTCTGTTT ATTTTGTGTT CAACTTACCC TGTGAATTTT GTCCATGATG
343701 TTATGGTATC TTAAGGGATG AATCTAATAC AGAATTATGC ACAATTTTGT
343751 TCATTTGGCT CCCTTAAAG AAAAAAAGG TGTCCATGAC TATACTAAAA
343801 GATCCTGPCA TCTTAACATA GAGGCAGCTG TTTCCCTGGA GTTTTTTCCC
343851 TCTTAACAT ATCAGCTATA CTGAGTGGGA TGTAATCACA TGATTTAAAA
343901 TTGATAATTA GTGTGTGAAA GGCCTTGGC AATGAAATAC ATAGCAATAT
343951 CAGTGACATA ATTTTGGCAG CAGAAAAATG CTAATAATAA TCCAAATGTC
344001 AATGTAGAAA TGAAACAGT ACTAGCTAGT CAATGATTTA TATAATGTCT
344051 TGGGAAAATG AAGTCAATTG CATCAAAATT TAAATCAAAA TAAAAATATC
344101 TTTATTTAAA AGTTATAGAA GCTGGAGGCG TAGTATACGT GTGTGTTATG
344151 TGTATGTATA TACAGTGATG GGATATATTT AATATCATT AAAATGATTA
344201 TCCCTGCCCC GGTGTACTT CTCTTCTATT CATAAACCTT AAAGAAAAGC
344251 TCTTAGATT TTTCTCTAG GGCAGGCGC AATGGCTCAC ACCTTTAATC
344301 ACAGCACTTT GGGAGGCTT GAAGTGGGTG GATTGTCTGA GCCCAGGAAT

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344351 TTGAGACAAG CCTAGGAACA TGATGCAACT CCATCTTTAC AAAACAAAAC
344401 AAAACACACA AAAATTAGCC AGGCGTGGTG ACATGTTCCCT ATAGTCTCAG
344451 CTACTCAGAT AGCTGAAGCA GGAGGATCAC TTGAGCCTAG GAAGTTGAAG
344501 TTGCAGTAAG CAATGATTGT GCCACTGCAC TCCAGCCTGG GTGACAGAGC
344551 AAGACCCCTAT CTCAAAGAAA ACCCAATTGT TTCTTCTGGA AGTTGTCTTC
344601 ATATCTCTGA ATATGTGTGC CTATTTTGCA GTATGCTAAA TTTGGTTCAT
344651 TTTAGACATT ATCTTTTGAC TTCCTGTTTC AACAGGTGAG GATTTCCCTC
344701 TCTACATTAC AGCTTTGCCT CCTCTCCTTC TCCCTTCCCA CATAGTTACA
344751 TCTCTAATTT TAATTAATTC AGGGATCCAT GATAACCTCT TTAAATTATG
344801 TAAATAATGT TCATTGTAGG GCTAAAAAGT ATGATTTTTT TTTCTTTCTT
344851 GTTCAGGTTT CAGTTTTCTC TGTGGTTTCT AATGGCCTTT CTTTTTGTCT
344901 TTTACCCTAA CTGCATCCCA CATTGTGTTA ATACTCTCAA GATGTACCAT
344951 TATAGTATGT TTGTCTGAGT CTCTTGTCCT CCTTCCCTCT CTTCTGAAG
345001 CACCCTCTCC TCCAGTCCCT ATCTGGACTG CTTGCTCTCT AGGCTCTGCT
345051 TGCTGCTGGA TTCTCACTCT CTTTGATGCT CTCCAGGAGG GCACCAATTC
345101 CTGGATTTCCT TGTTTTCTTT ATTCTTAGTT TCCTCACTCA CATTCTGAA
345151 GTATATGTAT CAATAGATTC TTAAGTTTAC ATCAGCAGTA TATTTCTGAG
345201 ACGTTGGATA GCCACAATAT CTTTATTCTT TGATTATATT TGATTGGTAG
345251 ATTAGCTGGG TATAAAATTC TAGGCTGAAA TTCTTTTCTT GTCAGAATGC
345301 TATGTGTTGT TTAGCTTACT TCTGGTTGAT TGGAACTCA ATGCAATTTT
345351 GATTCTCCAT CTTGGGCATT TAGATTCTAT TTTCTCTTTA TGTTTAGTGT
345401 TCTGAAATTT ACAAGATAT GTGTTTTTGT GGATATCCTT TTCTTAATGC
345451 GCTTTCAATC TAAAGACTGG TTCCCTTAG TCTGGGAAAT TTTCTCTAT
345501 TATTTTGGG TAATATCCTC CTTTGCATTT TCTACATTCT GTCTCTCTAC
345551 AACTTAGTCA TATATTTAAC CTCTGGGTT TACATTCTAA TCTTATCCTT
345601 TTACTGTCTT GGATATTTCC GTGACTTATC TTCTAGGTCC TCTATTGAGG
345651 ATGGGGTTTT TATACTCTCT TTTTAATTTT CAAGTTCTTT TTTATGTCTT
345701 TTTTTCCTTA CAAGCATTCT GATCTTAGTT TACAGATGTA ATATCTTCTC
345751 CTATCTCTTT GAGGATATGA AATAAAATTT ATTTAATGTT TTTCTTTGTT
345801 CTCTCATTCA TCTCTGTTT CTCTGTGTTT TTTCTGTGTA AAACCTCTCT
345851 TAAAAGCCCC AATGGGTGTG TTCAGTCTTT CTTTAATTAG CTCTTTTATT
345901 TATTAATTAC ATCATTTAAC ATCCATCTAG TAATGCAAAT ATTGAAATAC
345951 TGAATGGCTA ATACATTTCA GATGCTAGTA AAAGTAACAT ATGTTACAG
346001 TAATTTGACC CTGTGATAAA ATGTGAGAGT TTTTTCATG GCTTATCTCT
346051 TTTATTTTCC TTTCTGGAA GAATTTCCAG AAAACAATAG AATTCTGTT
346101 GTTATGAAAA CAGTAGAGAA CAACTTGTG AGCAAATGTA GATAATGAAA
346151 AGCACTATCC ATCTCCTTTA AATCTGTGTT TGGAAAGGGA TTTTACACTG
346201 TGCAAATACA AAGAAATATG TATTTTAACT ATATATTTAT TCATACTTGG
346251 ATGATAATTA AGAGGACCTT CCATGGAATT AGCTGTGGAT TTTCTTTCCA
346301 GGTGTTTCATG ATTGTGTCAT ATATTCAGGT TAAATCAGAC ATTAGCCTAT
346351 TTAGTGAAAT TCTAATGTAT ACAAGCATCT GCAGCAATAA AATATATTTT
346401 GAGGATTTTA CTCCTCATAA AACACATTCC ATGCTGTAAT TATTTCTTTC
346451 AGCAGTTGCT TATCCCTAT CTATATTAGT ATTCTTAGGC TTTTCAGCAG
346501 GATTGAAAAA TATTTCTGTT GATTGTTTCA CTACTGTTCT GAAGTCATAA
346551 AAGTACACTT ACAATAGACA ACTTGCTATA TCAATGCCTT AAAATTATTT
346601 TCAATAAATT ATGGTATTTT CTGAATATTA ATAATGCCAT AATTAAGCAT
346651 AAACAATAAA ATGACCATGA TAGTAGCTTG ATTGCTAGGA ATTTTAAAG
346701 GCAATATTGC TTGTTCTTTC TGAATAATAA AGCTGAGAGC AAAGAGAAAG
346751 GGAAGGAGA AAGGAACAAG TATCAAGAA TGGTTTTCCA CGTGAAACTG
346801 TGAGCTGAAT GCACCAGCAT CATCCACCTG CAGCTTTCTG GGGCCTGGGA
346851 GGGACACGTG GTGCTGACTG AGAGGTGGGG CTCCTGTTGC TGTTTCCCAT
346901 TTCTGTCTCT GCAGGGGTCT TAGTGCTAAG CCTTTTGCAG CAGCTCCTAG
346951 TGTGGGCCCT TGAGGAAGCT GCCACTTCTG AGTGCCAGAA ACTGATAGCC
347001 GGGATTGTGG GGTCTAACAG CTGGGACGAA GGGCCAAGGA GGAGAGTGCT
347051 TTTACCATGG GCGGCACAGG TTGGGCTTTG TTTGTCTCAT GTCATTTTGT
347101 ATCTGTTGGA CAGACAGGGC TATTGAGCCA GCTTGACCTC TTCTGTAACC
347151 TCTTCCCCAC TGCCATTCTC AGCAATGGCT CTGGAGGAGG TCATGCTTCC
347201 TGATTGTGGC CAGTCATGTC TGATGAAGTC TCTGTCCCAG AATAAATACT
347251 TACTTAGGGT TAAAATAGAG GAGCCATAAA CTTTAGGTAC CGTTTATGAA
347301 ATGTATTGCA AAGTCCCTTT TCTTGCTTC TGTCTTGCC CTTGACCTTT
347351 AAGTGTGCTG GTCGCCCAGA GGCCACCAT GGATTTCTCT TTGCCTCCTT
347401 ACATAAGTTC CCTTGCTGGA GACTTCCACT GCTGTGGTTA TAGCATATTT
347451 GCCAATGTTA CAAACATTTT TCTTATCAGA AACTCTCCCC TGAGCATCAG
347501 CCTGTGCTG TGGAATTTT CCTGGAGAGC CCACAGGTAC TGTGCCTTAA
347551 ACATACCCCC AAAATACATT CATCTACCAC TTGGCGCTCT CCCTCCCGAG
347601 CTTACACCTT GGTGTGTTT GTTGCCATCT TTCTGTCTC CTATCAGAAA
347651 ATGCCCTGAG TATTCTTTT CTGCCACCCT ATATCAGGCT CATCAGCCCG
347701 GACCTCTCAG GATCTTTCTT CAAGACTAAT CCCAGCTGGT CTCAAACCTC
347751 TGGCTCAAG TGATCTCTCT GTCTCAGCCT CCCAAGTAGC TGGGATTAAA
347801 GGCATGTACC ACTGTTCCCT GCCCATGTGG GATTCCTGCC TCTCTGACA
347851 CTCAGCCTG CTCCCAAACA TTTCTGTTTA GGAATTAAC AATTATCTAA

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347901 CAAGTAATTA ACAAATACTT TCACAAGTCA GTGGTTAGGT TAGACTTACA
347951 AAAACTGTCA GTGAATCATG CTACCCCCCA CCCCCTACC TTGATGTAGT
348001 TGCCCTGTGT TCCCAGTTGC TTTGAGAAAG CAGATTCAAG AGCAGAAAGC
348051 ATTCTTAAGG ACAGATGAAC TTTCCACGAG AGTCCATTCT TAGTGGTCCA
348101 CTTCCGTGGT ACTCTGGGCC CTCCCTCCCC ACCTCCCTCT CCAGAGCCCA
348151 CATTTCACAG TTTACAAAAG GAAGGAATAC ATCTCACTTC TTCAAGTCTT
348201 TACTGTGGTG TATGCATCAT GATACAAAAA ATCTTAGGGA TACAAACCAA
348251 TGAGACAACA TTTAGTGGAA AAAAAAAGAA AGAAAAGACT GCCTATGTTT
348301 ATTATATCTG GACCCTGATA GGATATTTAT CTTCTGTGAG GGAGTTGAGA
348351 CAGTATCTAT TCAGCTGTAC AATACACCCT CTCACCATAC ACAATGGTCA
348401 GCGATACCTT GCTCCTGAGC AAAAGTCCAA AGAAACTGCC AGTGAGAAAC
348451 ATGGGAGGCA GCTGCCTCTG ATATCGTGGA GACACCAAGG TCATGGCCAG
348501 ACTGTTTCATC AGATCCATCT GTGTCTATGA GTGGAAGCTC AGAAGCAAAA
348551 GAGTCATCAT GGCATGTTTA TTAACATGTG CATTGTAGTT GAAATATGAA
348601 ATCAGAGTCT TTTTATGA TTTAACTGAT TGGTTAGAAA GTGAAGACAG
348651 AGGTGTTGTC AGAGTGTGGC AAAAAATTTT CAAAACCTGA ATGAGCTAAA
348701 TCTGCAACTG TAGGGTTTGA AAGAGCACTT AAGGCATGTG ACACAGTGAC
348751 TGTGATATGT TGGAGAGAAC CTTTTTCACA AAGAATACAA TGTGAGCAAG
348801 CTTAGCCCTG TGTGATAAGA GAAAACATTT TTATCAAAAT GCAATGAAGT
348851 AGCAAGAGGC TATTACAAAT GAAACAATTT TACTTTCCTC AAACCTTGTCT
348901 GAGTGTACTG AGTGAAAAA GATAAATCTA AATGAGACCA TAGCAGGGAT
348951 AATTAAAGGT CATTGAAAC TTCTTGGTAT ACCTCTAGAT ATACTTCTCA
349001 GAAGTTAAGA AAGTAAATGA TTCTTGTGAC TAATTAACAA CTATTTTTCAC
349051 TAGTCAGTGG TTTCTGTTTC TTTGCTTTTT AGAAAATTTA GAAAACGACC
349101 TAATCACAAAT GTCAGCAGAT AGAAGATTTT AAATAACTTT GCAATACAGC
349151 ACCATATTAT TTTTGGCATA CGGTTTCAGAA GAAATCTAAA GTATTGATGG
349201 CTCTTGCTGT AATGAAGCTT TACATTCTTT TTAATGTGTG AACTATTAAAT
349251 AGATTTCCTA GGACTGAGAT CTATAGAAAT GAGTAATAGG AATAGAAATT
349301 AAAACAAAAT TAAGTAAGAT TTCCATTAC CATTCTGTG AAGTATAACA
349351 AGTGATCAAT AAAATAAACA AAACCTACAT AAATTATGGT AAAACTATAT
349401 GTGTCAAGTG GAATGGAAAA CGAGTTCAAG GTAGAAGGAA TGATACAAAA
349451 TTTTGGACTC TTCAAGAAAT CCTTGTCTCT ATTCACACTA GCAAGACAC
349501 GGAATCAACC CAAATGCCCA TCAATGATAG AATGTAAAG AAAATGTGGT
349551 ACATATACAC CATAGAATAC TGTGCAGCCA TAGAAGGAA TGAGATCATG
349601 TCCTTTGCAG GGACATGGAT GGAACCTGAA GCCATTACCC TCAGCAAACT
349651 AACGCAGAAA CAGAAGACCA AACACCGCAT GGGGAGCTGA ACAGTGTGAA
349701 CACATAGACA CAGGGAGGGG AACACCACAC ACTGGGGCCT GTGGGGGTG
349751 GGGAGGGAGA GCATCAGGAA AAATAGCTAA GGCACGCTGG ACTTAATGCC
349801 TAGGTAATGG GTTGACAGGT GCAGCAAACC ACCATAGCAC ATGTTTACCT
349851 ATGTAACAAA CTTGCACATC CTGCGCATGT ACCCCAGACC TTAATAAATA
349901 ATTAATAAATA AAAGAAAGTT GCCTAAGTAT ACAGCTAAGA GTAGGAGAGC
349951 CAGGATGTTA GCCAGTTGGT CTGACTCCAG AGTAAGGTCT TCAGGGCACT
350001 GCAAAGACAT CAAGGAGTTC ACAGTCCAGT GGGAGAGACA GGCAGCCAG
350051 CCAGGATGAT GATGATATGA TATGATATGA TATGATATGA TATGATATGA
350101 TATATGATGG TATGATATGA TATGGTGATA TGATGATGTG ATATAATATG
350151 GTGATATGAT CTGATGATAT GATATATGAT ATGGTATGAT ATATGATATG
350201 GTATGATATA TGATGATACG GTATATGATA GGATATGATG ATACGATATA
350251 ATATGGCCTG TGATGAGGCT GTGGGAACAG AGAAAGGACA CTGAATGGAA
350301 TCTTGTGGAG GTGGGGAGAT CATAGAAGCA TTTCCAGAAT TGAGGTTCTA
350351 GCCATGTGTC CCCAGTACCC TGTGATGGTT AATGTTTATAT GAACCTTACT
350401 GAGCCATGGG ATGCCAGGT ATTTGGTCAA CATTATTCTG GGTGTTTCTG
350451 TGAGGATGCT TTTGGATGAG CTTAACATCT AAATAGGGAG ACTGAGGACA
350501 GCAGATTGCC CTCCCTAATG TGGGTGGGCC TCATCCCATC AGCTGAGGGC
350551 CTGAAGAGAG CAGAAGACTG ACCCTCCTGT GAGTAAAAGT CCTCTGCGCT
350601 AGCTGCCTTC AAACCTGGTAC ATCAGCCTTT TTTCCCTGCC TTCAGACTGG
350651 AACTGAAACA TCAGCTTTTC CTGGGTGTCC AGCTTACAGA CCCCCTCTGC
350701 AGATCTTGGG ACCTGCCAC CTTTCTAATT GCGTGAATCA ATTCCTTATA
350751 ATGAATCTCT TCATGTGCTC ACACATACAG ACACACACAC ACACACACAC
350801 ACACACACAC TCATTAAGTG CTTGTTAATG TCTTTTAAA AGTGGGTTGT
350851 GATGAATATC TGTGGTATTT AGAATCCATT AGCCACATTA AAAAGTGATG
350901 TAAATTTATT TTATAGTTT AATATTTATA ATATGCCAGA AATTATATCT
350951 TTTACAACTA TTTATCCTTA TCATTAAAAA TTTTAGATGT TACCTAAATG
351001 CAAATATGTA GAGATTGCAT TGAGTCTGTA GACTCAAAT CCCAGTGACA
351051 TTTTGTGCAA AAACAGGAAA ACCTATTCTA AGCTTCATAT GGAAGCCAG
351101 TGGATCCCA AATAGCCAGA ACAATCTGTT TGGAGGACTC AAACATTTTC
351151 CTGATTTTCTG AACTTACTAC AGAGCTACAG TAGTCAAAAC AGTGTGTGTG
351201 TACCATAAAG ACAGATACGT AGACCAATG GAATAGAATA GAGAGCCAG
351251 AAGTAAACCC TGAATATGT AATTAAATGA TTTTCAACAA GAGTGCCGAG
351301 AGCATTCAAT TAAAAAAGAA AAAAAAAGAA AGTCCTTTCA ACGAATGAGG
351351 CTAGGAAAAC TGGATATCCA GATGCAAAAT AATGAAGTTG GACCCTTACT
351401 TAACACCATA TGAAAAAGAT AATTGAGGAC AGATGCAAGT GCTCACACCT

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351451 GTAATTCCAG CACTTTGGGA GGCCAGGGCA GGTGGATCAC TTGAGCCAAG
351501 GAATTTGCGA CCAGTCTGGG CAACGTGGTG AAATCCCATC TCTACCAAAAT
351551 AAAAAATACAA AAATTAGCCA GTTGTAGTGG CGCATTCCTG TAGTCCCAGC
351601 TACTCATGGG GATGAGGCGG GTGCTGAGGT GGGAGGATCA CCTGAGTCCT
351651 GGGGAGGCTG AGGCTGCAGT AGGCCGTGAT TATACCACTG CATTCAGCC
351701 TGGGCGGCAG AGTGAGACCT TGTTCAAAA AAAAAAAAT TAACCCAAA
351751 TGAATCAAG ACCTAAACAT AAGACCTAAA ACAATAAAAC TCTAGAAGA
351801 AGACATAAGG GGACAGTTTC ATGACATTGA ATTTGGCAGT GTTACTTGA
351851 ACGCCAAAAA TATAGGCAAC AACACCAAAA AATAGACAAA TTGGACTTCA
351901 TCAAAATTCA ACATTTTTGC CCTTCAAAAG ATTCTATCAA CAGAGTGAAA
351951 AGGCAGCCTA TGGAATGGGA GAAAATATTT GCAAATCATA TATCCGATAA
352001 GAGATTAATA TCCAAAATAT CTGAAGAAGT CCTAAACACA ACAGCAAAAA
352051 ACCAATTCAA AAATGGGCGA AAGACTTGAG TAGACATTTT TCCAAAGAAG
352101 ATATGCAAAAT ATCCAATAAG CAATGAAAAG GTGCTCAGCA TCACTGATGA
352151 TTAAGGAAAT GCAATTCAAA GCTACACTGA GATACCACTT CATACCCATT
352201 AGGATGTCTA TTATCAATAG AAAACAAAAA AGAGTTACAG AGTATGTAGA
352251 TAAGTTGAAA CTCTTGCTGA TTGCTGCTGG GAAAGTAAAA TGGTTAGCC
352301 ACTTGAAAGA TAGTATTGCT GTACCTCCAC GATATTAAAC ATAGAATTAC
352351 TATATGATCC AGCAAATCTA CTCTGGGTA TATATCCAG AGAATTGAAA
352401 GCAAGGACTG AACCCATGTT TTTATACCAC TGTTTATAGC AGCATTATTC
352451 ACAGTAGCCA AAAAGTGGAA ACAACCCAAA TATCCATGTA TGGGTGAATG
352501 AATAAACAAA GTATGCTATA TACATACAAT GGCATATTAT TTAGCCTTAA
352551 AAAGAATGAA GTCTTAATAC ATGCTACAAC ATGGATGAAT AAAACTTTAT
352601 GTTAAGAAAT ATAAGCTACA CAGACAAGGA CAAATATTGC ATGATTTTAT
352651 AGAGGCAAAA CAGGGACTGT GGGGAGAGGA GAGTTGCTTA ATACTCATTA
352701 ATATAGAGTT TAATGGTTTA ATTAATACCA TTAATACAGA ATTTCAAGTT
352751 GGAGTGATGA AAAAGTCTTG GAGATGGATG ATGGTGATGG GTACACATCA
352801 AGGTAAATGT TTTTAATACC ACTGAACTGC ACACTTGAAA ACAGTTAAAA
352851 TGGTGAATTT TATGTTCTGT ATGTTTTACC ATACCAAAAA GGACATAAAA
352901 CATATTGAGA TAGTTTTTGA GATTTGTAGA TACATGGATC TTTAGATTTC
352951 TCTTAGGGAA TGTGTGCACA GCTGCTCATG TATTTGGAGA ATTCATGTCT
353001 AGTGTCTTTC ACGGTCTGAA TCTAGCCCTC TTCTCTCACT TCATTTTCCT
353051 TGTTCAGCC ACCTGGCAGC TCACACCTGC TAGGCTTTTG TACAAGTTGT
353101 TCTCTCTACT TTCAGTGCCC CTCTCCCCG CACCCAGTTG CTGAATGGAA
353151 TCTGATACTT CAAGACCCAG CCCAAGTGGC CACCACATTT GGAAGTTG
353201 TGCTCACTCC TCCAGACGTA ACCTGTTTCT TCCTCTCCTG TGTTCCTCAA
353251 GAACCTTTCT GCACTTCAGA TACGTCCCAT GCCTGTCCCC AAACAGAGTG
353301 AATTGTTGGA CAGAGATGGT GTCTCACCTT TGCAACTCCT ACCCATAGCA
353351 CAGAGCAAAA CTTGAAGCAG GGCCTTAGTA AACAGTTTCA TAAGTTGAAT
353401 TTTAAATAT ATATATGTGA TTCTTTTCTT ATAACCTTCC GCTGGGAGAG
353451 TAGACAGACC TTTGCTCTA CTTTCCAAAA CCAGAAAATG AGACACAAAG
353501 CAAGTTTACA CCTTGCCAG GCCACAGGCT CACTGTGGCT GATGGGAATA
353551 GAGGGATAGC ATCAGAATTC TCTTCTGATG ATCCTAGTCT GTGCGCCAG
353601 GCACTAAATC TTACTGTCAA TAAGTTAAGG GTGTGACTTT ATTGGTTATA
353651 AAACACATGT TCTCAAATAT TTGCCATAGA TCCTGTCCAT AAATGAAGTG
353701 ATCTTATACA TATTTCTGCT ACCCTTCCA TAATAGACCC CCTGCCACTG
353751 TTCCAACACC AGGAGGTTGG AAACAGCTGT GTCATTAATG AACGACAGCA
353801 GATCCTAACC AGTGACCTCC AGATGAAAGG CTCATTATTT CCTTACTGGT
353851 CTCAAGAGCT ATTCAGTCCC CTAGCAAGCC AGCTCAGAAAT TTGGACTGAA
353901 GAGTCTAAGC CTTGAATAT AAAAAAAT TACGAAGTCC TTGACACAAT
353951 TTGGAGCGAT TATGTTCTAT TGTGCCAAGA ATTTCTTATT AAAAAATCAAT
354001 TTAATTGTGC ATACCCCATC TGGTCGGTAT TATGGTCTTT TATGGGGGGG
354051 GGGGGGGAAC ACGATTTTGT GTTTACCTGA TGTCCATAG AGTAAGCATG
354101 TAGTTTTGCA GAAACAGAGA CATTTTATAA CGCTGAGAAA TGAGTAATTA
354151 AAGAAAATTT TTAATGTTT ACCAGACTTC TTTTACTTAA CTTTGTGAC
354201 TTTGAGCTAT AAGATTCAAC TTTCTTGCCT TAGTTGGGAT TTAAACGGAA
354251 AAGAAAATGC CAGACTAAAG TAAAAAATGT ATGTGTGTAC CTCATCTGCT
354301 ACATTTATTT CCATGTAATA ATTTCTATTT TATACTCTCG AGATTAAAAAT
354351 TCCAGTCCCT TTATCTTTT TTCTTTTCT TTTTCTTGT TTTGTTTTTT
354401 GTTTTGTAGA TATGATGTCA TGGAGTCTGT GCACGATCAT GGCTCACTGC
354451 AGCCTCAACC TCTCTGGCTC AAGCAACCTT CCCACCTCAG GCTCCTAGGT
354501 AACTGGGACT ACAGGCATGT GCCACCATGT CCAGCTAATT TTTGAAAAAA
354551 TTTTGTGAGA GACAGGGTCT CACTCTGTTG CCCAGGCTGA TCTCAAATC
354601 CTGGGCTCAA GCAGTCTGTC TGCCCTCAACC TCCCAAAGTG CTGGGATTAT
354651 AGGTAGGAGC CACTGTACCC AGCCTCAAGT CCTTTTAAAC ATAACCTAGA
354701 TTTCCCATTA GTATTTAATT TGTGTTATTT TTTATTCAAG GAATTTGGAT
354751 AATGAAAGAT GAGAAGATTA CTTCTGATTG TCTGCTAGGC CAGTCTCAAC
354801 CATATTAGCA AAAGATTGCA ATATTTTCAC TCAAAATATT GCCAGATATA
354851 TTTTAACTG GAGTGGTTGC ATTTTGTGTG ACAAATGGG GAAGATTTT
354901 AAAGCTTGCT TTTCAAACAG CTTATACCCT AATCTTAAAA GGATCCCTTG
354951 GCACTCAAGG AAAAAGATCT GGATAATTCA TAAATTTTTT GGTGTGCTTA

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355001 TGTGCTTATA GTTGTTAAGT ATTTTGTTC AAGTGACCATC CTTAAAGTAT
355051 CAGTAATATA ATAAGTTAGT AGCCCATAAA TACTGATTG ATTCTGAATT
355101 GCCCTTAAC TAAAAGTTTT AAAAATTACT TTTAAATAAG TAGGATTGAC
355151 TGCTAGTCGC TGCAGTCTAC TAAACACCTA TTTGATATGA GCCATAATAT
355201 CTTTCATCTT CTCTGTGCCC CGATTTCCTC ATTTGTGAAA TGGAAATAACA
355251 CCTTTTGTTA GGATTGTAA GATATTTAAA TTAGATAATT CATCTAGAGT
355301 ATTGCAAGGT TCTTGGAACT GAGTAAGCCA TAAATACACT TTAGCCTGTA
355351 TCATCATCAA AAATAACAGA AATGACTGTT CTGCAGTGTG TGGTTTTCTT
355401 ATTTAACATG CTCTTTTAGT GAGCTTTTCT CTTTAACATC AAGTATTAAT
355451 ATTTCTGCATA TATCCATTTA TTGAGCACCT ACTGTGTGCC CACCTGTGTG
355501 CTAGATCCTA GGTGTACGAT ATTGAGTGGA ATCAATATAA TCTCTGAGCA
355551 CATGGGGTAG CCAGATAACA ATACAATAAA AATTACAGAA TGTGGCAAGC
355601 TCGAAGAGAA AAATGAGTGC GGTGTGGTGA TAAAGACAAG CAAGTTCTCT
355651 TCTTCTACAT AATTCTTTGA AGTTGAAGTG ATGCTTATTT GTTACACTGA
355701 TAATAAAAGT TATAAAGGAA AAAATAACTT GCCCTCTTCT GGCTCCATGT
355751 CTGCTCAGGA ATCAATAGAA ACAGTTTGGC CAACCATTCA TACTTTTCTT
355801 TGCATCATA CAAATGTATG TAAACATACA GCATTTTTGT TGTGGTTTTT
355851 ACAAAAAAAA AATGGATTCT GTGCATTGCT CTGTAACCTT GTTGGTTTGC
355901 CTTGAAAAGT CCTTAGAAGT GTTATTAGTA TGTGATGTTT GCTGCTGGCA
355951 TTTTACCTAC CCAAGACTCA GTCAGCAATA GAAACTCTC CAAAGATTTT
356001 ATAGATGAGG CCTGTCTATT ATCACGGTAT CCTCTCTGGT CTCCATTAA
356051 TTCTGGCCAC TCCATCCCAT AATTTATTGA ACAGAAAAAG ATTCTCTAGG
356101 GTGCTTACT ACTACTACTG TTATTATTAT TCCTGACAAC CTTTGTCTTA
356151 TAATAGCATT TCTGATCTTT TTCCCTTGAT TTCTGCCTA CTTACCTATT
356201 TATTTATTTT GCCTTTTCTT TGTCAATCT CATGCTGTTT CTTGGGCATT
356251 GTTTCATTTT CATATTTATA AATTTAACAT TTTAAAAGAT AGGTGTTTCT
356301 AGTTCATAGA TTTGCTGCAA TCACCCCTA CTAAAGAACT TCAGGGTTTT
356351 TTGTTTTTTT TTTGTCTGTG CTTTCTATTT TGTTTTCTGC TACCAACAAT
356401 ACTGCAAAAC AAGATGGGTT TTTATATACC GCTGCTTTCA TTTATGAGAA
356451 GTGGATTTCC AGAAATAGAA TTTCTAGACA AAGTATATGT TTATATTTTA
356501 TCTTACTACA TATGGCCAGA TCAAATTCA AAAAAACCT GAAGCATTTT
356551 GACATTTAAA CAGATATCTT TGGTGCCAGT TTATCAGCCC AGACCTGATA
356601 TGCAAATTAG TAGATCGTGA TGTATTGCC ACTTCAGTAA GAAACCATAT
356651 GTTAATTTAC CTCATTATTC TCCATAGGGT ACTTTTTCAC TTCAGTCCCTC
356701 TACCAGGGAT CCTGAAAGAG CAGAGTAAAT AGAAGAACAG GTCATCCCTT
356751 TTCCACATTA AGTAGTCGTT TGTTAAGTGT CGGCTGTTAG CTGAGAGCCT
356801 GAGAGTGGCG GCAGGTACAA CCCGCCGAGG TTGGACGATG GCAGCGGGAC
356851 GTCCAGACAG GAGCCTGTGC AATTAGCCAA GACGGTTACT GTGTTTTTGG
356901 CAGTCAGGCA GCAGTTAAAG CAAAGAAGGG TCTTTTTTTT CCAAGAAGGA
356951 AAGGCCATTT AATAAGTTTG GGTCAAGTTG CTCATAACAA CACTACATTT
357001 GAGGACCAAA AACCCAGGA GCTTGGCAAG CCAGCAGTGC TTGGCAAGTC
357051 TTCTTACCAG CTCACCAAGT CTGAGGCCAT CCTGCAGGGA TCTGGCTCTC
357101 TGGGCTTTGA CTGTATTCAT TTAACAGCAT TCCTAGTTAA CAAGAACTA
357151 AAGGCAGAGG AATCCTTTTC CCATTAGTCC AAGAGTAAAA TTTAGTGGCT
357201 ATAAGCAAGC CACCATCCAA GTAACGAC GTCAAATGGG GGACGGACAG
357251 TCTGTTTGTA TTGAAGGCTC TCGTTTTAGT GTACACAGCT GGGAACTTGT
357301 GGCCACCAA AAATGACATT TATATTTAGG AATTGGGTGG TGCTGTCTTT
357351 TTGGTGTATG AATTAACATT TGTATATGAC TTACTAGTGT GAAAGTCTGA
357401 TTTTATAATG TGTCAGAGAG CCATCGTTTA CCTGTCTCAT GAATAAATAA
357451 AATAAAAGCT AAGTACGTTT CTATAAATAT TAAAAATAC ACTGCCCTTCT
357501 CATACTTTTC CCATTTACAC TATGGAACCC TTGCCAAAAT GAAATCAAAT
357551 TTGAGCGTTT CAATGTAAGG GAAAACCAGC TCATGGATTT TAAATTAAG
357601 AAGTGGATTT TTTTGTTTGT TTTGTTTATG TTGGCTTTGG GTTTGTTTTT
357651 TTTTTTCTCT ACCAAGTAAA TAGTTTCGAT GAAATAAACA GGTCCAATCA
357701 TCTAATGATG GATTATTTGA ATGCAGATTG AAATTGAATT GAAAATGTTG
357751 AGAATGAGCT TGTTTATGCT TCTCAAAAAG CTGCAGCAC TGCAACTGAT
357801 AAAAATTAGT GCAAACATAT CAAAAGTCTT TGAAGAAACA TGTGGCCAAT
357851 CCAGTGCCAA CTTGGACAGA ATCAGAACAC TGGCTGCTTA GAGGAAATAT
357901 CCCAACATTC AGCTAATCAA CAATGTTAAA TGAAATGAAG AATGAACTT
357951 TTTACATGAC TCAGTATTGC TTGGAACAAT GTTAATGTCA ACAAGGTCAG
358001 TTCATGGAAG GAGATGCTAG ATTTCTTAAG ATTTTACCC CCTCGTATGT
358051 TTTCAACAGC TTGCGTGTCT TGATTATACC GAATTCACCT AGTCTTTGAA
358101 ATAATTTCTC ATTAATAATT TACAAAGTTA TGTGTTTGT TTCAGGATCC
358151 AAATTTGTGA AGGTAGCAGA TTCATATCCA GTTATAGGAA TCTGTTATTC
358201 CTTTTTATTT GAAAAAGAGT AAAGCTTTCT AAACCCAAGC TCCCATACAT
358251 ATAAGCAGAA TCATGGCTTC ATGCAACCAG CCACATGTTA TTATTTTGT
358301 TGTAACAAAC ATCTGTTAGA AACAAGATTT CTAAGTTTTG TATCGGGTTG
358351 ACCAAATAAA CTATTTCTT TAGTCTAGGG TTTCTCAACA GTGGCATTAT
358401 TGACATTTTG GACTATATGA TTTTGTGCTG TAGAGAGCTC TTCTGGGCCT
358451 TGTAGGATGT TTAGCAGCAG CATCTTTGGC CCACTCAATG CCAGTAGGCT
358501 CCTCCCCCAA GGTGTGACAG TAAAAACAT TTCCAGATCC TGTCAAATGT

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358551 CTCCTCAGAG GCAAAATCAC CCCTAGCTGA GAATTACTGC TAGAAACAGC
358601 TATATAAATA AAACATGAAT GTGTTAAACA AGTCTCCCTC TTCCCCCAG
358651 AGAACACTTC TACCACCTAA AGATGATGAA TATTAATGAT CCTTATGTT
358701 TCCCAGAAAG TTGCCATGCA TATATGAGTA TGTACATCTG TTCTGCACAG
358751 TCAATGGCCAT TCAATACTAC CCTTATTTTT TCATTTTTTA TGATCTGTG
358801 AGATTCTTAT CTTCAGTGC ATGGGGACTT ATATTTAAAA TTAAATCTTT
358851 TTAAACTTAC TTAGAGTTCA TTACAGGATG AGCCGTAAT TCTTTAACCA
358901 GCTTTCAATA TACATGCAGG CTCTAGTTCT TTGTTTCCA TATATAAGGG
358951 TGTGGCATTG TTTTCCAAAT AATGCCATAC CATTATATTT TTGTGTTGAA
359001 TATTATGTGA TTAGAGCTAT AAGGTATAAT TTAGAGTATG TCCCTACAGG
359051 TGAATCAGT TGTCAAACG AAAACTAAAT TAAACATAT TATAGACAAT
359101 GCTATCTCAC CAGCTGGGTA TTACAGTGT TTTTCCCCAG TTTACCAAAC
359151 TTTTATATTT TTACCATCT GATAAGAAA ACAGTTATAT CCATTTGTGT
359201 ACATGTTTAA TAAAAATGAG ATTTCTCTGT TTTCTAAGCC TTTTCTTCCC
359251 CCTGTGATCA CACTCCATAT ACTCTTGGC CATTTTCTA GCAGCTTGTA
359301 GGGTCTTTTC TGTCTGATTT GTAAGAAGTT TTTATATATT GAAGAAATTG
359351 GGCCTTTGTT TTCATAGATA TTCCAAATAT GTGTGTACTA TTCATTTAAT
359401 ATCAGTTTTT TTTCAACTTT GTTAATATTT GTATTTATAG AAATTAGTTT
359451 CAAATTTGTC CCTCATTTCT AAGTTTAATG TCTTACAGGA GTCATGTTTC
359501 ACATAGAGCA AAATAATGGT TTTTATGTT TCTTCCAATG CTTTCAGAGT
359551 TTTGTTTTTT GTGCTTAAAT ATTCAAGGCA TCTGAAATTC ATTTGAGTAT
359601 ATAGAGACTG AAATACTACA TATCTTTTC CAAATACTAT GGTAAATTTAT
359651 CATGTGATAA GAGACATTTT AAACAAGTGG GATAAAGATG ACTTATTTAA
359701 CAAATGCTGT TGACATAATT GCTGATATTT AGGTGCAAAA TAATAAGCT
359751 GGGTCCGTAC TTGGTGCCTG CAAGGAACCA ACAGAAGGCC ACTGTAGCTG
359801 ACTGGAGGAG ATGCAGTGT GTGAGAAAGA TAGGTGGGGG CCTGATTGTG
359851 TTGGGCTTTG TAAATCCAAG CTAAGAATTT GATCTTTTTT GAATAGAGTG
359901 TCTTTTTTCT GTTCATTTGG CATGTTTCTC TTATATGTAG CATATATTTT
359951 GGATTTTATT TTTTATCCA TCTGAACTTT TATCGTATGT TGGGCTTTGT
360001 AAATCCAAGC TAAGAAACTG ATCTTCTTTG AATAGTGTCT TTTTCATGTT
360051 CATTGACAT GTTTATCTTA TATGTAGCAT ATATTTTGGA TTTTATCTTT
360101 TTACCCACCT GAGCTTTTAT TTTTATTTAT TAATATAAGA CACGTGTTTA
360151 ATATTACTTC TGTATCACA TTTTATGTTA CTTTTCAGCT TTTGATGTTT
360201 CCTTGGTTTC TATCTTTTAC TAAATTCCT ATCACACTTT ATTTCCCTAA
360251 GGACTTGTA ACATCTTTT CTCTCTTTTG GTATTGTGTA CTGCTAGAGA
360301 GAAGTAGGAA GACTTCTTGA TTTTCTTCTC TTTGTTACTT TTTCTGTCTG
360351 AATATACTGA AGAATTGATC CTATAAAATC TTAAAACTCA TTAATTTCTA
360401 TAGCAGGACA TGTGTGGGTA TTGATCTTTC TGTGTCTGTT GCTTGTTTTG
360451 TTTCTTAGGA TGAAGGATCC CCTCTCTACT GGCTGATTAG GGTATTTCAG
360501 AAAATTTTCT TCTGTTATAT CTTTGAACAT TTTTAACT TCTATTTTCC
360551 TCTTTTTTTA AAATACATCT TTTTGGGAAT TTTTGTCTTA TCTTTAAAGT
360601 CTCTGACCT TTGCTGAGAA TTGTTTCTC AAGCTTTACT ACCTATCTCT
360651 ACGTGTGGTT TCAGCAGTGT CAGTCTTTT TTTTGAGGCA GAGTCTTGCT
360701 CTGTCACCCA GGCTGGGGTG CAGTGGTGCA ATCTTGGCTC TATGAAACCT
360751 CCACCTCCCA GGTTCAGTG ATTCTCCTGC CTCAGCCTTT TGAGGAGCTG
360801 GGATTACAGG TGTGCACCAC CACGCTGGC TAATGTTTGT ATTTTATAGTA
360851 GACATGGGTT TTCACCATGT TGGACCAGGC TGGTCTCAAA CTCCTGACCT
360901 TAGGTGATCC ACCCTCCTTG GCCTCCCAA GTGCTGGGAT TACAGACATG
360951 AGTCACTGAA CCCTGCTAGC AGTGCAATT CTGGCTTTCA TTTCTCTTTA
361001 GGGTAGCTTC AGTTTGTAA AATGACCTCT TCCTATTTGT CTCTTCTTTT
361051 GCTATATTAG ACATCTTATT GTAACCTTCG TTGCAAAGAA AATTCACCTT
361101 TTTATTAGCT CTCTTAGTCT CACCAAGAAT GTTTGAGATT TTCTTCGGCC
361151 GTGTGGCTTG TTCTCCTGGA AAGATTATTT CATGTGCGTT TGTCATATCC
361201 TCTTATTTTT TTCTATAATA TTTTGGGAAG ATGTCTAGGG GAAAGGGGAT
361251 TCCAAGTTGT CTGGAGCAC TTCCTGCTCT GGTCTCCTAT CACTTTGCAA
361301 TCATAAGCAC CTCCCTTGCT GTTGTTTCTT TCCCTTAGGA GAGGAGGCCT
361351 GTATGCCCTA GAGGAAATTT CTGTGTGTTA TAGGTTTCTC TTGGATGATT
361401 CTGCATTTTT TTTCTTTTCA GTTCACCTTG AAACCTACTT GATCAGTGTC
361451 TGCCAAGTTG ATTGTCATTT ATATTTTCTA TACTGCCCTG CTGTCTTCCC
361501 TGATTGATTC CTGAAAAAAA GGAGGGAAAA AGCATATTGC CCTTCAGCTT
361551 TAATTGCGCT GCTGTGTTGA ATCCATCCAG GATTCAACCT CTGCCTCTGC
361601 TTGCCCTGAC CTCTATATTT TATCTATTTT ATCCTCTAAA TTAGAGTTGG
361651 TTTGGCTATT TCTTGCCTTG TTTCACCTAT TTTTGTGAAA ACTTTTTTTA
361701 CTTGGTTTTA TCTGTAGATT CGGTCTGCTG TGGGCATTCT CTCTGATTTT
361751 GGTCTAATCT GATCATATTT GTTTGCATCT ATTGTATATC ATTTGTAGTT
361801 TTAATTAAAG CTACTCATAG TTTTATTGTG TATGTGTTTG CCTTTTTTTT
361851 TTTTTTTTTT TTTTTTTTTT AGACAGGTC TCACTCCATA GCCCAGGTTG
361901 GAGTGCAATG GCATGGTCAG AGCTCACTGC TGCTGCCAC CTTTATAGCT
361951 CAAGGAATCC TCCTGCCTTA GCCTCCCGAG TAGCTGGGAC TACAGAGGTG
362001 TGCATCACCA CACCCAGCTA ACTTTTTTATT TTTTGTAGAG ATGGGGTCTC
362051 ACTATGTTGC CCAGGCTGGT CATGAACCTC TGGGCTCAAG CAGTTCTCTC

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362101 CCCCTGGCCT CCCAAAGTGC TGGGATTACA GGCATAAGTC ACTATGCCCA
362151 GGCTCTTTTC TATTTTATT TGTTTTTCT ATTTTATTGTT GATAACAAGA
362201 CAACATGTTA ACTGGATTTT GCAATAAAAT AAAATACCCA CTAGATATCT
362251 TTTGGTCAAT TGTTTGAATA GGAGAACTCA GAATTATGGC ACAGTCTTGG
362301 GAAAATTAAC TTA AAAACCCCT TGAAACAGTT TACTAATGTG TTTGAATCTG
362351 ATGTGGATCC AGGCTCTCAT TGCATAAAA GTGTGGTTGA AGTATTGACT
362401 GCCAAGACCT CCAGTGGTAG GGAGAGAGTG GGGTTGAAAT TGTGGTTTAA
362451 GGGATGGCTA TTATTTGAAT AAATGTTGTA GGAATTTTCC AAGCACAGAA
362501 CACAGCATGA ATCTCTGGTT CTTAGTTCTT CACCAATATT TCTTCACCGA
362551 GAATAGCCAG ACCTCTTGA AGGGTAGTTG AAATTGAGTG ACTAGGAGAG
362601 AGAGCATCAG ATCCTACAAA GAATGGTGAT GACAGAGGAT GGAGGGAATT
362651 GGGGTGATGG TCAAAGGGTA CAAAGTCTCG GACAGGAGGA ATAAGTTGTT
362701 TGGGGTTTTT TGAGATCCAT TGTGCAGTGT GGTGAATATA ATTAATAGTG
362751 CATTGTACAT TTCAAAGTTG CTAAGAGTAA ATTTCAAATA TTCTCACACC
362801 CTCAAAATAA GTATTTGAGG TGATAGATAT GTTAGTTAGA ATGACTTAAT
362851 TATTCTACAC TGAAGTTGGA AACTTTAATA TCACTTTGTA CCCCATAAAT
362901 ACATACAGTT ATAAAGGGTC AATTTACAAAT AAAATAAAAA GTTTTAAAGG
362951 AAAAAGAAAT TAAGAGTGAA TAGAAGTGTG GAAGGATTTT TGAAAGTCAG
363001 CAAGTTTATC TTGGATTTAG GAGGGAGCCC TAGTAGTTT TTTGAACAGGG
363051 TAATGACAAG GTGAAAGCTG TATTTAAGGA AAACCTCATC TAGCACTTGA
363101 TTTGGCATT T AATTTGATCT CACGGGGACT TGGTGAGTAC CTGTTTGTAC
363151 CAAGTATCAT ACTGGATACA GTAGTGCACA GAGCAGCATG GGAAGAATT
363201 CCTGCTTCAA GAAACGCAGT CTGGTGGAGT CAAGAAACTG ATTTTGAAAA
363251 ATCTGCCTCA GTAAAATTTC AGTACCAGAG TTGACCTCAA CTCTGGTTGT
363301 CATGGTGTCT GTTCTATGTT GCCAGTAGG TTCTACCACA GCAGCGGTCT
363351 CTGTCTGTGA TGATGTGACA CAGATAACGT TGATTCTATG ATTTGTATGG
363401 GACACTTAA TAGCTGCCCT CAATCAGACT CTCATATCTC ATATAAATGT
363451 AGCTGAATAT TCAGCAGCAA CTTTTTGAAT TCCATATTTT CATGTTTGCT
363501 TCCTTCTAAG TCAGGTTTCT GTCCCTCCGG TGGCTCGGCC CTCTTCTACC
363551 CCAGTCTGCTG TGCCTCCGTG TATTCAGATT ACATCTGGAT GATCAGATCT
363601 CATATAAATG TAGCTGAATA TTCAGCAGCA ACTTTTGAAT TTCCATATTT
363651 TCATGTTTGC TTCTTCTTAA GTCAGGTTTC TGTCCTCCCG GTGGCTCGGC
363701 CCTCTTCTAC CCCAGTCTG CTGCCTCCGT GTATTCTAGT TACATCTGGA
363751 TGATCTTTCC TTTTCTGACA GTGTTTTTTG TTTTTTTTGT TTGTTTGT
363801 GTTTTGGTTT TTATTTTCTT GAGATGAAAT CTTGCTCTTG TCGCCAGCG
363851 TGGAGTGCAG TGGCACTATC TTGGCTCACT GCAACCTCCA CCTCCAGGT
363901 TCAAGCGATT CTCCTGCCTC AGACCCCCC GAGTAGCTGG GATTACAGGT
363951 GCGTGCCACC ACACCCCGCT AATTTTGTGA TTTTCAGTAG AGATGGGGTT
364001 TCACCACGTT GCCCAGGCTG GTCTCAAACCT CCTGTCTCA GGTGATCCGC
364051 CAACCTCGGC TTCCAGAGT GCTGGGATTA CAGGCATGAG CCACCACGCC
364101 CGGTCTCTGA CAGTGTTTGA TCCCTTGTC TGTACACTAA TTATATCCTG
364151 GCACCTGGCT CTGTAGTTGT TTTTATATCA GTCTTGCTTA ATCCGTTAGA
364201 ATCATAGACT ACTTGAAGGC ATGAATAACA GCCACATTT TATCTATTTA
364251 TTTATACATC TCTCATTACT TCAAAAAATG ATTTGAACAT GTTTCTTTTA
364301 TATGATTGTG TTTTGACCTT GGTCAGGTG GTAGACATCT GATTAAAGGAG
364351 GGTCAATAAT TTATGAATC AGAACACACA GAACAGAGGA CTTTTTGTG
364401 TTGTTTTTAA TTTATGATT ATATCTCTT GAAAGTCCCG CAAAGACACA
364451 TCGTATTTCT CAAATCAACT TTAGAGAAAA ACAAGAATGT GAAGCTGAGA
364501 CTCTCCAGT CAATGAGAAA GTTTTGATAC CAAACCTATT AAATGCAAAAT
364551 TAAATCTATT TTTCTATGAA CATGTGCATA TTATCTCTGA AAGTAGATGT
364601 ATGCCTTAAA TATAAATTTT CCTTACAATA TGGATTCTG TGATATCGGG
364651 AATCTATGTT TTATAAGGA ACAACTGCTG CAGTCCCTGT GGCTCATGAT
364701 TCCTTAGCAG CTGTGTCCAG CTGGTGGTCC ACATTCCCGC TACTTCTTCA
364751 GTGAATGGAA ACATTAGGT CAATATTGAT ATAAAACTTC ATGAGCTTTC
364801 TTCTCTTTCA GCTTTGGTTC GCCTTTGTTA ATGGATTTT TGGGCAGATT
364851 TTATTTGAAC GTTGGTGCAT CGGCCTGTAC AATGTGGTAA GCATTCTTCA
364901 TCTCTATCTG ATAGCATGCA GAACTTAGAA CTTCAGTGAC ATTCCTTAC
364951 TGTTTATGTC TGGGAAGTGT ATCTGAGTCA ATCATCTGTA TACTTAGCAG
365001 GCAGACAAA TACATCTTTG GGCCCTTTGT TGCTGTGAAA CATCCTGCAG
365051 AAGCCCCAAC TCTCCACACA TGGTTTCAAT CATAGCAGAT CATTCCTGAA
365101 TAACCCCTTG AAATTATTAA CCCATATATC TTGATAATAG ACCCTTGTTA
365151 CCCCTTACT ACATGCCTGT GCAACACTTT CGTGTTTTTA GCTCAAGTAC
365201 AAATTTCTGA ACTACACCTA AACTCATTCC GCTTCATTAT TTTTGTCTG
365251 AATTTCTAAA CATAGATACA AATATACAGT GTGTGATCTG GTGTCGGTTC
365301 TGTCTTCTCT GAAAGGGTAT CTGTCTTGT GGAAGAACAT TTTCTTCTGC
365351 AGTTAGAGCT AAAATAATGA ATTTCTGACTT CCAGCTACTG TGGAGGATGG
365401 TAATCAGTCT ATCTGGTATT TTTTATGATT TTCAAGTTCC TTTTATTA
365451 CTTTTTATAA CTATGATGAA TTCAGAAGCT AGAAATAAAT ATAACTGTA
365501 GCTAAAATGG CTCAGTAGCT GCTTAGCTTT CTGCTTTTT GTTTCAGTGG
365551 CAGGAAGAAC TAAGGGGCAT GTAGAGCACT CTAGAGACCC TAGAATGGCC
365601 CATTTTTTGA GTTGTCTCT CACTTGCCTT CAATCCTAAC TCTGCTCCGT

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365651 GGGAAATTTAC ATTCTGAAGC AGCCATCATA AATAAATGTA GATGGAAGTT
365701 ACCAGACATA CAATAATAAA ACCTATGGTG CTATAAATCC ACTGGTGGCT
365751 AGATATTTTAA GTCTTCCATG CTTTCACCCC CTTTATTGA ATAACCTCAG
365801 TGCTGGGTGC TGATGTAAAA TGCTGAATGC AGTAGTTTGC CCTGGCCCTG
365851 TGTAGCTTGC AGGTTAAGAG GGTCAAATGT GTGGATTGAG ACACCTCCAA
365901 GGAGGACTGG GTCCAGATCT TGAGTTGAAA TTGTGTTGGT GAGTCAGTAA
365951 CTGTGTTAAG TTGCTGCAAA GTCAC TAGCA CATTTCTTCC TGATACTGAT
366001 GCCCTAAAAG ACAAAGATTA GGAGTGGTAA GAACAGGACA GAATTGATGT
366051 CCATTCCTTC CTGTGCTAAA AAAGCTACTC TGACTACCTA CCCATGGATG
366101 GGGGCTCCAG GGCCTCCCCT TTGTGTACTA AGGGGAGATC ACAGATTGCT
366151 AACTCTGTAC CTCCTGAAAC TATTTTAAGT AGGTTAAAGC TATGCAACCA
366201 TTTCGGGGAA ATATGCAGAA TGCTCCACGA TTATTCAGTG CTTGAAAGGG
366251 TCAGGTATCA ATGGAGCTGA CACTTCACAC AAACACATGC CACATCCCTA
366301 TTTTAGAAAC AAAATGCTGA GACCTAGGAG AGATTTTGTG GTAGAGCCAA
366351 GGACAGGTGT GGTATATATA TATATATATA TATATATATA TATATATATA
366401 TATATATATA TATATACCT GCTTATAGTA TGAGTGGATT TTAGCTTGAT
366451 TTCTATGCTC AGGGCATGAG GGCTGGATTG TTTTCTTAGC TCCATGCAGT
366501 CTTGGCCAAT TCAAATTAAT CCAACAGATT TTATTGAGTG CCTACTACAG
366551 ATAAGATGCT GACAGGCTAG AGGGCAGTGT TGGTCAAAAT AAGGCCACCA
366601 GACCATTGTC AGGAGAATTA CTAGGGTTTA TTTGAAAAAT GCAGATTCCT
366651 GAGCCCCACC CCAGTATTAA CAAAGAGTAT CTCAGACATA TTGCAGTTT
366701 TGCAATTTTT TTTTTTTTTT TGAGACTGGG TCTTGTTCTG TCACCCAGGC
366751 TGGAGTGCAG TTGTGCCATC ACTACTCACT GTATCCTTGA CCTCCCTGGC
366801 TCAAGCAATC TCCCCACCTC AGCCTCCTTA GTAGCTGGGA CCATGGGCAA
366851 ATGCCACCAC AGCCAGCTAA TTAATAAACA TTTTTTTTGT GGAATGGGG
366901 TCTCGCCATG TTGCCCAGAT TGGTCTCAAA CTCCTGGGCT CAAGCAGTCC
366951 TCCCTCCTAG GCTCCCAAAG GTGGTAGGAT TATAGTCATG AGCCGCAAC
367001 TTTTCTAGTT ATTGTTATGC ATGACCCTAG GGTTGAGATT ATATTTTATG
367051 CAGTTTTTCT GTCCCTTAAA CTATACAGAG AGTACACTGT GATAGAAAAG
367101 TGTATTTCAA GGTGAAAGGG TCTAGGTTAC CACTGAGTCC ACAGTGCAGG
367151 CATTGAAGTG GGCTGCCAGT GAGTGCTGGC AGTTGGGATG GAATGGTCAA
367201 GGATCTGCCA GGTGAACTCC AATGTGCCAC TGGGCTCTGG ACTTGCTCAT
367251 ACTGGAGGGG CCAAACCTTC TGGGAACATG GAGATTGGCC CCCATGAAAA
367301 TTGTTTTGGT GACATTTGTA TAAATAAAT AGAAATATAG AGAAAAGTTA
367351 CAAAAAAGGT ACAAAGAATC ACTATTTACC CTTCAACCAT ATTGAACAGT
367401 AATTAGCATT TCCACCAATT GCATTCTCTT TCTCCATACT TGTACGCATG
367451 CACACATGCC TACACTCATG CACACACTAG TGAATGCATT TATTTCTGAC
367501 CCAGTGGGGT ATTACAAACA TCATGTCTGT TCCCTGCTTA ACACTTTAGT
367551 CAATAGTAGC AAGAGCTTCC TCTTATACAA CCGAAGTATA ATGATCAAAAT
367601 CTGAAACATT TAACATGGAT TTAATACTAT TATCTAATTC ATCTTAATCC
367651 ATATTCCAGT TTTGCTATTC TTGCTCCAAT AATGCCCTAT TTAGCAACTT
367701 TTCCAGTCCA GGATCATTCT AGAGACTGCC TGCAAGAGAA CATTGTGTAT
367751 GTGGAAGGCA TTTGCTAGTG ATCCTCCTCT TCTGGGCTGG GTTCTCCGCT
367801 GTCATTTTCT TCATGCAGTA TTTCTCTCCT GCTTTTCTT CTAATGTAC
367851 TCTTTGTTTG ATTCCGCAAG TCAGCTAAAG TAGCAAGTCG TTGTTCTCTCA
367901 AACTAATTTT CTTTTTTTTT TTTTTTTGAG ATGGAGTCTA GCTCTGTGTC
367951 CCGGGCTGGA GTGCAGTGGT GCAATCTCAG CTCACTGCAA GTTCCACCTC
368001 CCGGGTTCAC GCCATTCTCC TGCTCAGCC TCCCAAGTAG CTGGGATTAC
368051 AGTCGCCCCG CACCGCGCCC GGCTAATTTT TGTATTTTGA GTAGAGATGA
368101 GGTTCCTACTG TGTAGCCAG GATGGTCTCA ATCTCCTGAA CTCGTGTTCC
368151 ACCCGCCTTG GCCTCCCAA GTTCTGGGAT TACAGGCATG AGCCACCACA
368201 CTCAGCCTCT CAAACTAATT TTCATAACAA GTTAATAGCA TTAACAACAGA
368251 CTTGAGGCCG GCGGTGTTGG CTCACACCTA TAATCCCGGC ACTTTGGGAG
368301 GCTGAAGCAG GTGGATCACC CTGGAGGTCA AGAGTTCGAG ACCAGCCTGG
368351 CCAACATGGT GAAACCTCAT CCTACTAAA AGTACAAACA TTAGCTGGGC
368401 GTGCCCGTGT GCACCTGTAA TCCAGCTAC TTGGGAGGCT GAGACAGGAG
368451 AATTGCTTGA ACCCGGGAGG CGGAGGTTGC AGTAAGCTGA GATCACACCA
368501 CTGCACTCTA GCCTGGGCAA CAGAGCAAGA CTCTGTCTCA AAAACAACAA
368551 TAACAACAAG AAACAGGCTT CTTCTAAGT AATGAATGAA TGCTGTCCCA
368601 GAAGATTTTC ATTATATCCA TAGTCAAAAT TCTTTATTTT TTTTATTTT
368651 TTTTGAGACG GAGTTTCACT CCTGTGCCC AGGCTGGAGT GCAATGGCGC
368701 AATCTTGGCT CACTGCAACC TCTGCCTCCC GGGTTCAAGC GATTCTCCTG
368751 CCTCAGCCTC CCGAGTAGCC AGGATTACAG GTGCGCACCA CCACGCTGG
368801 CAAATTTTCT GTATTTTAA TAGAGACGGG GTTTCACCAT GGCCAGGCTG
368851 GTCCTGAAAC TCCTTGACTC AGGGTGATCT GCCTGCCTCG GCCCCCAGA
368901 GTGCTGGAAT TACAGGCGTG AGCCACTGTG CCTGGGTCAT TTTGTTTGT
368951 GGGTAGAATG AGACTAAAA TACCAGGAAG GACCAATGCT GCTAGGATCA
369001 AATGGATTTT AGCTAAATTT TATGTCTTTT ATAATGCAGA GAACACTCTA
369051 GTATTATTTG ACCACTTGCA GAAAATGAAT CCTGTTGTCA AGCCAGCATC
369101 GTTTGAGGAA GAAACTGTA GGCCAGTCTC ACTTATAAAC ATAAATACAA
369151 AAATCTACG TAAATATTG GCAATGGAG TCCAATAATA TATTAAGA

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369201 AAAAGTATGT GACAAAGTAA GATTTATTTT GGGGATACAG GAGTCTTGAA
369251 ATTAAATATC TTTCTAAATA TCACTATATC AAGAAAAATA GAAAAACATG
369301 ATCCCATCAG CAGATGCTAC AAAACGTTT GAAGCAATTC AGCTGCCATT
369351 CCCAAAATAA GAACTCTAAA TAAAAAGAA ACAGAAAAAA GCCATTTAAC
369401 CAGAAATCAG ACCATTTACA AAAACAGTA GCATGCTGCC CAAAATGGTA
369451 AAATTCTGAA ACGGTTTCAT TAAAAATAAG AAATTAATCA AGATGCCTGC
369501 CATCACTATA TAATTCATTG TTTTCATGTT TTCGGCAACT GCAAAGAAGA
369551 TTACAAATAT TGGGAAAACA GTGAACAATT TCTGTACGTA TACACATATG
369601 CTCACAGAAA TATGGTAATG TAAATATGTT CATATATGAT TGTGTATCTA
369651 GAAAACAAA GAAAAACAG TAGATAAATA CTCGAATTAT AAGAGAATTT
369701 GATAAAGTGT CCGATAAAT GATAAATATA TTTTAAAT CAATAGCCTT
369751 TTTCTAGCCT AGCAATAAAC AGCTTTTTTT TTTCTTAGC AGTGGACACC
369801 TAGAAATGCA AAGGAAGTAC GAATCTTTT AAAAAGCAA TTAATTTAT
369851 ACATTGCATA GAAAAATGT TTACAGTACC TACATTTTTA AAAGTCTTAT
369901 TGAACAAATG GAAAAGCATA CTATTTCTT GTATGGGAAG ACTTAGTATC
369951 ATAAAAGATT CAACTCTTCT AAAATTAATA TAAATATATA TGATTCCACA
370001 TAGACTCAAT CCCAACAGGT GAATGTTTTG GGAGGAAAGG GGGAGATTGC
370051 ATAAAGTTAT ATTAATATAT AAATGGAATT TACACATATC TGAGAATAAA
370101 TAGTAAAGC ATGCTCAAAA AAAGAACATA AAAGTAGACT TATTTTTACT
370151 AATATCAGA CTATACTATG AAGCCACCAT AACCAATCA CTGTTATTGA
370201 CAAATAAGTT GGAGATTCTA GAACTACATT CCCATTCTAG AGTCAGATGT
370251 GTAATACATG AAAATTTGAT TAGCCTTAAA GGTGATCTTT CAATGTAGTG
370301 GGGAAAGTTT GGCTCATTA ATTATGTTAT CACAATTGGC TCTTTATCTG
370351 GAATAAAATG GACTCCTATA TAGAAAAATT AATTCCAGAT ATATTAAAGA
370401 CTTAAATGTG GAAATAAAA TAGTAAATC CTACAGACA CTCCTGGAAA
370451 CATGTACTTT TCATGGAAGA GTAACCTCTG TAGCCGCAAT TGGACATGCA
370501 GAAGCAATTT TTGGCCATT AAATATTAAA AGCTTTTATA TGGCAAAAGA
370551 ACCCATTTAA AAAACCAATA GACAAAGAGT GCATTTGCAT GAAATTTTCAT
370601 AATATAAGA CAGGGTTGAT ATCTGTTCTA CTCAAAAGAAC TCTTTAAAAA
370651 GAGGATAAGC CATGGATAGA AAGTAGACAA AAGACATGAG TAGACATTTT
370701 ACAGAACTGC AAATGCAGAT AGCCAGCAAA TGTATGAAA CCTGCTCAAA
370751 CTCACGTATA GTTGGGAAT TGCAGCTTTT TAAAGTAAGA AGTAGACAAA
370801 AGACATGAGT AGACATTTCA CAGAACTGCA AATCCAGATA ACCAACAAAT
370851 GTATGAAAAC ATGCTCAAA TCCTGGTAG TTGGGGAAAT GCAGCTTTTT
370901 AAAGTAAGAA GTAACATCTT TAATTTTAA GACTGGAGAA CATTAAAAAGA
370951 CCAATGTAAC AACCATTGCT GATAGGGAAA TAGCGAAAAA TCTATGATTT
371001 TCTTTTGCAA TGGGAGAGGA AAATGCTTTC AAAATCCTTT GAAAGGCAGA
371051 ATCTAGTAAA ATTAATAATG CATGTATCCT TTAACTCTC CTGCTGGGCC
371101 TTCTTCCCAT AGAGATAAAA GAAAAAGTCT GTATGTTATA ATATAGTATA
371151 GATATGTATT ACATAATGTT TGTGGTAACA AAGAACTGGA AAGAAAATGA
371201 ATGTCTGTCA GTGGGTGAAT GGCTAAAAAA AATGGCACAT CCATACTATG
371251 AATTATTATG TGACCATTAA AAGACTGCAT TACCATCAAA CCAAGGGCT
371301 TTGGGGGGCT TTCTGTAATG TATTGTTTAG CAAGAAAAGC ATGATGAAGA
371351 AAAATGTGTG TAAAGTATAA TGTCTACCTT TTTGGTTGGC AGGAGACAGG
371401 GTCTCACTCT GTGGCCAGG CTGGAATGCA GTGGTGCAAT CATAGCTCAC
371451 TGCAGCCTCA ACCTCCTGGG CTGGAGCAGC CCTTTCACCT CAGCTTCCCA
371501 AGTAGCTGGG ACTACAGGCA CACACTCTCT TGGTGTGTT TGTGAAATTG
371551 AGACAGGGTC TTGGTGTGTT GCACAAGCTG GTCTCGAACT CCTGTCTTGG
371601 CCTCCCAAAG TGCTAGGATT GCAGGCAGGA GCTACATGAC TGGCCAGTGT
371651 CAACGTTTTA TGAAACAAAT TATGATCCCT AACGTGTGTG TGTGTGTGTG
371701 TGTGTAGTAT GGTATAGGCA GAGTGAAAAA TATGTAGGCA TGCTGGGCTT
371751 CATTATAGCA TGGTGATGAA GGGCAGGGGA GAATCTGAAG ATGGGTAGAA
371801 GGAGAAGCTC AAGTTTAAAA AAAGAAAAAG ACTGCCACGT AAACAGCAGG
371851 CATGACATCA CATGTACACA TGGATGCAGA GCAATGGAGG TGAGAGTATG
371901 TACTAAGAAA GTGTGCATGG CTCCTGGCTT CTGGTAGAAG CTCTGTCCAG
371951 CTATAAAGCA AAAAATTTT GTTGTGTGTA GGAAGTGTAG TGCAACAAGT
372001 CCCCTGTGGA TTTCTCCTTG AAGTCTTTGT AGCACATTGA AATCCCAGGG
372051 CTGCTTTTCCA TTCTGCTGTG GACTGAAGGA AGAGTGTGAG AGTTTACTTG
372101 ACTCTACTCA CCACACATCT GATTGCCTGC TCCCAATAGA CTGGGAACA
372151 GCTTCCTCTG GCCATATACT CCATCTCCAA ATAGCTAGTG TGAGTTCAGA
372201 ATTCTCGTAC AGACACACGT CCAATCCCA CAGGCCTGAG AGCTTGCTGG
372251 GTTTGTGGGT GGGGATTGGA GGGACGCTCA GCAGCAAGTG ACCCAGGCTG
372301 TGTGAACCAT TCCCAGAACC AAGCAGGAGA AGGACCCTCA GGGCCAACAT
372351 GTCCTGAGTT AAAATGACAT GTTTCTTCCA AGCACCTTCT TCAGCTCCTG
372401 CTTGATTTTT CTAATATACA AATGTGAGTA CAGGTGAAAG TCACAAGTCT
372451 TGCAAGGCAC CATCTGCCCA AGAACTCATT GTCAGTGGAG ATTGTTTGGT
372501 CTGGTCTCCT TCCTATCCTT GCCTTACACC GCACCCTCAG CCAGCCACCA
372551 TCCTGTGTAT CTTAGAAAGT TCCTCGTCCT TTAAATGACA ACAATTTAAA
372601 GATCGAATTG GCTTTTATTA GCCATTCTGG AATTGGGTAA CATCTCATTT
372651 CATGAAACAG AATGAGTGCT CCGATGAGCT GAGCAGAGGA GGCCAGCTTT
372701 ATAGGCAGAA AGGGACTAAG GAAACAGAAG TAGAACAAA AGTGATTGGT

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372751 TGTTTCAAAG TGGCTTTCTT TACAGAGTTC AAACAGGGGA CTCTGTATCA
372801 TGCTGCCCAG GTAAACTGGG CCCTTTCTGG TGCCTAGGTA AACTGGTTGC
372851 TGTGAATCTC CTGTTTTTTG TTTGTTTGTG TGTGTTTGTG TTTGTTTTTG
372901 GAAAACTGGC CTGTTTCAAA GTTTAGTTTG ATGACACAGC TCTTAGCACA
372951 AGTAACTCCA TTTTGGTTTG GTCAGGTCTG CTGGGGCCGA GTGCAGGAGC
373001 TCAGTCCAAA CAGTGGCCTC CTATAAACGT TGTTC AACAC CTCCAAACAG
373051 GCATGCTGAT GTCTCAGAGC TTTGTAAGGG GTGCATCTCT CATGGGACTC
373101 CTTCTCGGCC CACATCCCTG TCATCTTGCC AAATCATGTT GGTCTAATAC
373151 CTTGAGGTC AGATACTCTT TGGTGCAAGA ATCCTTTGGT GACTCTCCCT
373201 TCTCCTTCTG CGTCTCCTCC TAACAGGTAT TAATAGTTTT GCAGAGCTCC
373251 GCGTTTTGTA TATTACCTC TATGCCTGTT GCCCCTGCTC CCTCCCCAC
373301 TTCTGCAGTA GATGGCGTTC CTGGAGGTCC TAATTCCTTT CTTCTTTCT
373351 TCTGTTTGTG AATCTCTCCA TTCCTGGTGC TTATCACAGT ATCTAGCCCA
373401 TAATTTGTTT ATTGTAAATG TCTGTTGAAT GAATAAATGG ATGAAGTACA
373451 TTATGCTTTC TGAATTTTGA GTATAACGTC AGGGTGGAAA GTTGTAATTT
373501 TTACGTCAGC TAGCGTGAGC AGAAAACAAA GCAACACTTC AGACAGCTAA
373551 CTGTGGCATG ATTCCACATC AGTCTTCGTT TTACAAAGGA AGGTAGTTGC
373601 TAATTTAACA AGAAATCTTG GCTAATCAGA TAATGTACGA TGTTTTGTAGT
373651 TCTGCTGTTT TCCATTTGAT AGTGATTAAC GTAAAAATGG TCTTTCATTT
373701 ATTTCTTTTG TTTGGAGGGT GTCTGGGGAT CTGTGAATCA TGGAGTCTCA
373751 GGTTTGGACT TGACTGGAAG TGAAGTCATC ATTTGGTAGA AGGGAACAAT
373801 GAAGCCGTGT GGTCCGAAG GGCTGCTTTT AATGGCTCAT TGTCTCCCT
373851 GCAGATTTTC ACCGCTTTGC CGCCCTTCAC TCTGGGAATC TTTGAGAGGT
373901 CTTGCATCTA GGAGAGCATG CTCAGGTTTC CCCAGCTCTA CAAAATCACC
373951 CAGAAATGGC AAGGCTTCAA CACAAAGGTA AACAGAGTGT GATCTCAGAA
374001 CTGTCACTTC AGAAAGGCGT GGCTGTTTGA TTCTAGTCAT CTGCCTAGGA
374051 GATAGTTGAA CGTTGAGAAA GAACATTGA GAAAGTCTGA AAACATGATC
374101 CACTCACCCC ACCACCACAC ACACACACAC ACACACACAC ACACACACAC
374151 ACACACACAC ACGCCACAAA CCCAGTGAAT TCAAGACGCC TTCTCAGGTG
374201 ACGGGTCCAT GCTGTGTGGG CTGCAACCTC CAGTCCCAGC ATGCTGACTC
374251 CTTCCCGCTT CTCCCGTCA GCCCTGACA TCAGTGTGGG CAGCAGTTCC
374301 CACAGCCCAT GTTCAGGATC CGCTGTCAGA GATCCCCCTT GCGTGGTCTC
374351 GCAGCCCCAT GTGGAGGCCT GTTGGCAGCT TACCTAGCTG TTGCTGGGTT
374401 TGTCATTGTA AATAAAATGT GTCTTTAGCT AGTGCCTAAA ATTGACTAGA
374451 TATGAATCTG GGGATCACAT GAGTTGCAGG GGATTGTTT TGTGTTTTCT
374501 GGACCCAGAG ATCAGAAAAG AACCAAAAAA AAATAAAAAA AAGAAAGATA
374551 TAGGTGATCC TGACAAACCC GCGCCAAAGC TGGGTGGGGT GTTAAAGGGG
374601 TCGTGCAATC TCAGACAGCA GAGGGGTCTG CCACACAGAT GTCATTTGCG
374651 GCTGAATGTG GCAGAGTGCT TGGGTGACCC CATCCAAAGA AAAGGGAGAT
374701 GTGTGCTGAG GCACAGAGGG GCGAGATGTG AGCATGGCTG CACGGCCTTG
374751 TTTCTGCTCT TGGTCTTTGC GCAGGGGGGA TTCAGAAAGT TAGACAGAGG
374801 TCTGTTGCAC AGTTACCTC CTGTGCTGTG TGCTGGTGGC GGTCTAGATT
374851 TGCTGCTGAT GTTCTGCGG CGTCAGTGAG AAGGACACAG GGAGTCACT
374901 CTCCAGGCCT CAAGGAGAGA ACAGTCTCCC AGGGCCTTTC TTCTGAGCCA
374951 GATGTTCTCT ACGTCCCTTA CAGTGCTTTT TTCTGCGGGA GGCTCACTAG
375001 TTACATCCGA GCGAGGGAAG AAACAGAAGG GCTCCTTATT GGTCTACCCG
375051 TCTCCCACAT CCAAGAGAGC CCGAGGGACT CATTTTACCA ATCCTTGTG
375101 ACTGTGATTC CGTTAATGGG AAAATATGAC CCATTTTCAC TGCATTATTT
375151 ACATAAATCC ATTTTCTACA GAATTTGAAT TCAAAGGCCA TTTGAGGTGG
375201 GAAAGTAAGTA AGAGCTGAGA ATGCACGGAA ACTTATCTGC AGGCACTTTG
375251 AAGAATTTTT TTTTTTTTTT TAAGTAGAGA GGTGAGAGAT GGTGCAAAAT
375301 GAACATTTAA AGCAGGGGAA AATTCCATTG TCTTATAACA TTTTCTACTA
375351 TTTTCTGTGT TCTTACCACT ACTTAGGCTC AAATATATG ATAATTTCCA
375401 GGGACAACCT GTAGAGGTTT AAATAAATTT AATCTGGCTT TAATAGTTAA
375451 TAACTCGAGG GGGGCAGCCA AGATGGCCGA ATAGGAATAG CTCTGGTCTA
375501 CAGCTCCCAG CGTGAGCAAC GCAGAAGACA GGTGATTCTT AATAGTTAAT
375551 AACTCTGTCA TCACGGTGGT TAAACAAATG ATTGCGATGT ATTAGTGAAA
375601 CTAAAGTTTA GAATAAACTA AACCTTGTGT TCTTTTTTCT GACCTTTAAA
375651 CATTAATAATA AAGAGAATTT TCAAATATGC ATGTTATCTA AAATCCCAAA
375701 AATAAAAGAA GAAGTTGAGT GAGAGGGATT TGAAGTAGTA AAACAAAAGA
375751 GTGAGAATGC CATGTAAAAA GTTACAAGTG GAATGTTTTC AGTGCTTTTA
375801 AGACATCCCA TCTGCCCCGA CACAGTTTAA TTGTTAAGAA GAGACACAGT
375851 TTTAGTCTCT TCTTAACAAT TTTGACCTAG TACCCTTTT CTGGATGTTT
375901 GTAAAATGGT GTTGTCTCTC TTACAATGCT AAAGAAAAC TATCAGAGTG
375951 AATTTTCTAC ATGTGGATAG ATTGTGTTGG TCTGCATACA TGTGAGTAGA
376001 TATTTAGTTC TTTGTAACCT AAGTAATATG ATCTGGAGAT AATCCAGTCA
376051 TTTGTATGTA AAAATTAAT AATCGATTTG GGTGGGTTT TTTTTTTTCA
376101 AATTCAAGAA TAATATGCTA CTCCTGGAAC CGTGCAGCGC ACGGCCAGGA
376151 TCCTTCACAA TGTGGCGTTT GTTGAGAGTT TCACAGAGGT CAAGCGTTTT
376201 GGGCAGCTCC TGAATCCCTT GGTGTTGTTT TCCTTAGGTT TTCTGGGGTC
376251 ACTGCATCAA CGCTTGCTC CACTCCCTCA TCCTCTTCTG GTTTCCTCATG

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376301 AAAGCTCTGG AGCATGGTAA GGGCTGTGTG ATTTACACCTG TCAGCAAGGA
376351 GCTTTGCAGC CGCTCTGCTG CCTGTGTGTT CACAATTTTT TTTTCCAGTT
376401 CTGCAGAAAC AGAGATCACA GGAACACATT TTAGAGGAAA AACATACCTA
376451 AAGCATAATG AGAGCTAGTC CCAGGTTTAT AGCTGTTAGG TTTCATCAGT
376501 TCTGGCCTTG AGAACCCATT TTCTTTCCAG TTGACTGGAT AGTTTGAGTA
376551 CTAGGAATAC TCAACTCAGT TTTAAAACT ATTTGAGTCA GAGATCTTCA
376601 AGGAAAGCCC TGTACTGTAA TGAAATGTTG ATGCTTTTTG TCCGTGGTTT
376651 GAAATTTCTCT TTTAATTACT TTGACTTTTA TTTCTGAGCC TCCCTTACCC
376701 ATATGCAGAA TAACTCAAAT CTTATAAGAT TTGAATCTTA TTCCTAGCTT
376751 TCTGAAAGAG TGTCCTGTCC TTGATGTACG CCTTTTGAAA TTAGAGTTTG
376801 AGAACTAATT CTCCAGATTG GTGTTTGTCT TTACAGCTAG AAGAGGATGT
376851 CTGAGAAGCTG TGGCAGACTC GGCCTTTTTT CACACTTCTT AACACATCCA
376901 GAACGTGGCC TCCTAAAGAG ACATATTTTT ATTCTCAGAA AATACAAATG
376951 TATCATGAGA ATGCTACTCT TTCAATCCCTC TCAAATAGTA ATAATCCCCC
377001 TGGGAAAAAT TACTCCAAAT GTTGACTAGA CAAGGCCCTT TATGTTCAA
377051 AGAACCAGAG AATATAAAGT TTCCAAGCGT CTTTGTCTCT GTGTCAGTGA
377101 GTTTTATGCT TCAAACAGAA ATGATTATC CTAAGTGATA TTCTTTAACC
377151 TATTAAATAC TGACAGAGAA AATGCATGCA CTGCCATTTT CTTATGCCAC
377201 TGTATATAGT CTTTCAATTT CATCAGAACT CCTTTTCTCT CGAGGGTTCA
377251 TAAGTCTTTA AATCAGAGAA TACAATTTTA TGCTTTCTAG CCCCACCCCA
377301 AAAAAGAGCA TTCCAGTGAA ATCATTTTCT TTTAACTTGA AACCTTCTT
377351 GTGATTTCAT TTTACTCAGT GGATTTAATT TATTTTAAAA TGGTTTTATA
377401 AATAAGAGTG TATACGTATA AGAGTTTGGG ATGTGATTTT GTTTCAGAGG
377451 CTGTGATATT TTGGTGACAG ACTCAGCCAT CATTGTAGCA GGAAGGATTA
377501 GTGATGGGAA ATGGTATGTC TGATGAGCAT AAGAGAAATT TGAGCAATTA
377551 TCCTCCATAC CTCAGCCCAG GCTTTGGTAC TTAAGAAGAG TCTGCAAATA
377601 GCATGAACATA GGCACAAAGTA CTCTCTGAAG ACCCCTTACC ACTTCTTATC
377651 TAGACATCCT ACTGTGTTCC TAACTCAGAA TTGCTTGCCCT TTTGACTCTC
377701 AGAAGCTTTA CAAGATGGTC ATTTACTTAC CTGCTTCAAA AGGAAGTAGT
377751 GTGGCTGTTT TGCAGTGGAG ACGATGGTTT TCTAATCCTG GAATTATGAT
377801 CATATACGTT CAGTTGGTGC CTTGTGGTTT GTGGTGAAAT TGCTATAGTT
377851 TAACCAGATT CCATTATGTA AGTCCATTCA TTCACCTACC ATGGTCAGTA
377901 TTTAAAAGGA TGTAGACTCC CAGCAGTTGC TAACTTACCT AAGAGACAGC
377951 ACCAAATGAA TTTTAAATTA GTGCTATCCT TATCTAATTC CTCCAATTT
378001 GGCAAATTAC CTGGCAGGCA GCCAATAGGA TGCTTTTTTC CTCTTTTAT
378051 TATCACCATC ATCATCAATG TCATTATTTT ATTGTATTTA TTGAGCCTTC
378101 AGCATAGGGG TTTTCTTTGA GTTGTGTTGC AAACAATAAT CTATTGAGTG
378151 AAAGCTGTGA AAGTGAAGTA AATGCAAAAT ATTAAGTGTA TCAGAACAAAC
378201 AGAGGGACAT TGGTGTCTTT GGTCAATTAGT TGACTTCCCC TAACAATTTG
378251 AATATTTTAT AATTAATTTT TAAATTTCTCA CTGTTAGTAC AGAGAAAAAA
378301 ATCATTATAT TATTGTTCAT TAACCTTAT CTGTTATGT TCAAGACACT
378351 GTGGTAGATT CTAAGGGTGA CAGTAGATAT ATCAATGTCG GTCTCACCTT
378401 CAAAGAGTTT GTAGTATGGA AAGGAGATT AGATTTTGTG TTAGTCCATT
378451 TTGTGCTGCT ATAAGAGCAC CATAGACTGG GTAATTTATA GTGAACAGAA
378501 ATGTATTTGG CTCATGATTC TGGAGGCTGG GAAGTCCCAG GTCAGGGAGC
378551 TGGCTTCTTG TTAGGACCTA CTTGATGTGT CATCCCATGG TGAAGGATA
378601 TGGGGTAGAG AGAGAAGGAA GGAACCCATG CCAGTGACAA CAGCATTAAT
378651 TTTATTCATGA GGGTGGCGCC CCCATGACCC AAACACCTCC TATCAGGCCA
378701 CAGCTCCCAG CACCACTGCA TTGGAGATCA AACTTTCAAC ACATGAGCTT
378751 TGCGGGCTGC ATTCAAACCA GAGCAGATTT GCAAAATGAAT AACTCCAGTA
378801 CAAGGTAAAA AATAGCTGTT TCAAGTAAAC CATAGATAAA ATGCTATTAG
378851 ATATCAGAGG ACTGAGAGAT GCCTTTCATT TGGAGTTATT AATAGCTTCC
378901 TAGGGGAGGT AATATTTAAG TTTAGCCATG AAATCCAGCA GAAGGAAGAA
378951 TCAAGCAAGG TGGGGAATC AGGACAGGTG TGGAAAATG AGCAGCTGAA
379001 AGGTGAAAGA TGGGGAATTT TAGGAAGGCA GATAAAAGCT GAATTACAGA
379051 GGGCTTTGAG TATGAGTTA AGAACTGGG ATGTGGCTGG GCGTGGTGTC
379101 TCACGCCTAT AATCCCAAAA CTTTGGGAGG CAGAGGTGGG TGATCACCT
379151 GACATCAGTT CGAGACCAGC CTGGCCAACA TGGTAAAACC CCGTCTCTAC
379201 TAAAAATACT AAAATTAGCT GGGTGTGGTG GCAGGCACCT ATAATCCCAG
379251 CTACATGGGA GGCTGAGGCA GCAGAAATCGC TTGAACCCGG GAGGTGGAGG
379301 TTGCAGTGAG CCAAGATCGT GCCACTGCAC TCCAGCCTGG GCCAAAAAGC
379351 AAACTCTGT CAAAAAAGAA AAGAAGAGAA GAAAAAGAAA AGAAAAGGAA
379401 AGAAGGAAGG AAGGAAGGGA GGGAAAGGAA GAAGGAAGGA AGGAAGGAAG
379451 GTTGAAGGGA AAGAAGGAGG GAAAGAGAAG AAAGAAGGAA AGAACTGGG
379501 ACTTAACTGT TTAGGCATTG AAGGGTCAGT GTAGAATTTA GATCTAGAAT
379551 TTTATGATCA GGGCAATTTG GGAATAATAA CCTGTCTATG CTTGTAAGGT
379601 GAGCGGTAGA AAGAAAATAA CTGGCAGAGA TTCCAGGGGA CACTTAGGG
379651 AGGGTTAAAC CCAGGAATGG GATAGTGTGT GGAGAGGGTG TTTTGAAAGG
379701 AGCTTCTTTT TTTGCTGAGA TTGTGGTGTA TCTACAAGGT AAAGAGGCTC
379751 TCTGAGGGCA CAGTGAATAT AGATATCAGC AAGCCAGGCA CTGCCTCTCC
379801 TGCCCTCTGG AGGCTTCCCT CTTGAAAGAG GAGTAGGGG TGATCACATG

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379851 GGACAAGGGA GATGTGGGGC ATGGTTGGGA GAAGGAACAT TCCTGGCCAG
379901 GACCTTGCAG GTGCACAGGA CCTGAGCTGC TGAGGCCATA GGAAGTGT
379951 TAGTGGGACT GGGGGTGCCT GGACTCTGAA CTCTGTCAGC CTCTGGTGAG
380001 AGGCTCGGGA CACTGGGCAT TCCTGCCCCA GACTGGAAAA AACAGTAACC
380051 TCCTACTGTA ATCTGACTGC TCATGCCCCC CCCGCCCAAT TCATATGTCA
380101 AAACCTCAAA CTGTAAGGTG ATGGTATACA ACATAGGGCC TCTGGGAGGT
380151 GATTAGGTCTG TGAGGGCGGA TCTCTCAGGA ATGGGATTAG TGTACCTATA
380201 AAAAGGACCC TAGAGAGCTC ATTTGCCCCT TCCACTATGT GGAATATAG
380251 CTAGAAGACA TCACCTATGA GGAATGGGCC CTCACCTGAC ACCACAACCTG
380301 CCACTTCCTT GATCTTGGAC TTCGCAGGCT CCAGAACTAT AAGAAATGAA
380351 TTTCAGGGG TTATAATCCA TGCAGTTAT AGTATTTTGT TATAGTCAGC
380401 CGAAAGAACT AAGACACTCC CTCTCCTCCT TTCCCTATCC TTCTGGAAGT
380451 ATCAATCAAA ACACATCTCT ACATATTTCT AGCATCCCCC TTGTAGTGGA
380501 CAACCACCCC TAGTCAAGAC GACTACAGCA TAGAGAGGAG GTAGGGGCTG
380551 GAAAAGGGA CAATACTTG AGAGAGGATC TGATCACTAA CACCTGGCGG
380601 AGGGGGGGAC TTTTCTCAG GGCAGGGTTG GAGGTAGGAG AGTTTTGTGA
380651 TGAGATTTGC CTGTAAAGAA GATTAAGACT GCTCTGTAGA GAAACACATA
380701 GGATCTGGCA AGAGTATGCC AGGACCATGC GGTTGCACAG GACCTGAGCC
380751 ACTGAGGCCA TGGGAATTAT TTTAGTGGGA CTGGGGTGG CAGGGATTTT
380801 TTTGGTAGGG ATGGGAGTGG CAGGGATAAA GACTGTAAGC ACCAGAGGAC
380851 CAGGATATGT CAGCTGACTG GAGGACTTGT TTATGTGTGC TGATTTGCTG
380901 TCCTGAGTAC AAGTGAATTC TTATTACACT TTTTTTTTTT GAGACAGAGT
380951 CCCATTCTGT CTCCCAGGCT GGAGTGCAGG AGCACGATCT CGGCTCACTG
381001 AAATCTCCAC CTCCCATGTT CAAGTGATTC TCCTGCCTCA GCCTCCTGAG
381051 TAGCTGGAAT TACAGGCTCA TGCCACCATG CCCGGCTAAT TTTTGTATTT
381101 TTAGTAGAGA TGGGGTTTCA CCCTGTTGGC CAGGCTGGTC TCGAACTCCT
381151 GACCTCGTGA TCTGCCACC TCGCCTTCCC AAAGGGCTGG GATTACAGGT
381201 GTGAGCCAAT GCACCTGGCC TTATTACACT CTTAATTGTC ATTTAGGAGA
381251 ATGTATATCC TCCCACCCC CAAAGAGGCA TAGGAACATG GCACCAATTT
381301 GAGACAAACT AGGGCACTGT CAAAGCTGGG GGCCCTTGGT CTAACAGAGG
381351 GGTGCCCTCA GGAATCTCCC CTCCTGCAAG AGCTGCCTGA AGCCATCCCT
381401 CAGATGGCCA CCCACACCCA GAGCCCCAGA GGAGTTTGTG TTGACCGGGG
381451 GCTGAAGTCC CTAGAGTAGT TTCATTTCCC ACTTGATACC TTATGGATGA
381501 TGTCACAAAG ACAGGAGGTT TTAGTAGAAA ATTCTGCCTC CACCATCTAT
381551 GGAGAGAACC TCAGGTATAT ATCAACAGTG TTCACTTGG GCAAGGCAAC
381601 AGAAGCACAC TTCTTCTTGG GAAGAAATAT TTTGAGAAGG TATATCGTTC
381651 ATTCCCTAGA ATGCTTCCAA GAATTTTGCT TTGCTTATTT TCATGTGGTT
381701 TTGGAGAGAC TTTTCAAAGC ACTCCTTTGC TGATGGAGTT TGTGATGATT
381751 CATTTCAAAT TTCAAATAA ATTTTCCAC TCAAGCAATT CAGTAAATCA
381801 GATTTCTTCC AACCATCACA GCCATACACT TACTGCCATG GTCTGCCTGC
381851 AGCTCCTCGC CTTTGATCTG GAAAGCGATG CTAGGTAGA CCTAGGATGT
381901 CACCTTCACA GGGACCCAAG TCCATCAGGA GCCCTGGTGT CAGCCACAC
381951 CCGGGTTTCC TGTTGGCATG TCCAGTCGGC AGAGTTGAGC AACCTCCTT
382001 GAAGTGTAAAT GTGGTTATTG GCAAAATAAT ACAAATCGG TCTTGATTTT
382051 AAAAAAGGAA GTATTCAGAT TTTTCTTGAT GAAATTTAAG AGGGAGGTGA
382101 TGGAAAGAG ACTATGCTTA ACAAAGAAA AGAGCTCCTA AAAACATTTG
382151 TTCTTGATTC CCCAGAGTCC ACACCGTAGA AACTGCTCCC TCACCGTTTA
382201 AGGAGAATAC CATACGGATT CTTATGTATG GGTACTAATT ACGCAACTGG
382251 GCCTTTCGAC ATTTTGGAG AAGTCTATTT TATAATTTT AATAAATTTG
382301 CTCCTGTAAAG ATCAGCCATG TTTTGTATAC TGAAATAGTA GTGCACGTGT
382351 ATAAAAATAA ACTCAGTGTG ACTCTCTTTT CCCCTGGCAT TCTTGGGTCA
382401 TATTAGTTTA AACTATTCTT GACCTTACT TTATTACTGA AAACCTGAGT
382451 GTTTCATACC ATATAAATCC TGAGACTTGC GTTGTTCAC ATTAAGCTAA
382501 ATTTGGGCAA GATTGCCAGT GTTCTCTGAG ACTGCAACTT CTTAAACTCA
382551 ATTATTCAT CATTTTGTGA AAAAGATAAA AGAGTGGCTG GGCACGGTGG
382601 CTCATGCCCTG TAATCCCAGC ACTTTGGGAG GCCGAGGCAG GCAGATCACC
382651 TGAGGTCAAG AGTTCAAGAC CAGCCTGACC AACATGGTGA AACCCCATCT
382701 CTAATAAAAA TACAAAAATT GGCTGGGCTT GGTGGCGCAT GCCTGTAACC
382751 CCAGCTACTT GGGAGGCTGA GGCAGGAGAA TTGCTTGAAC TGGGAGGCAG
382801 AGGTTGCACT GAGCCGAGAT CGTGCCATTG CACTCCAGCC TGGGTGACAA
382851 GAGCGAAACT CAGTCCCAAA ACAAACAAA AAAAAAGATT AAAGAATATG
382901 TTCTCTATGC CAGGCTCCTC CTGTGTCTG GGGACACAGT AGTGCCTTAA
382951 TAGAGGAGTT CCCACCTCA TGGAAGTAC ACCTAGAGAA GGCAGGATTT
383001 GAACAGGAAA TGTAGCAAA GTAGAAGGTC AAGTTCAGAT GGGATGTCTT
383051 CCAGGGAATA CTAACCTGGG CTGAGCTTTA AGGACTGCTT CCTGGAGGAT
383101 GTGGCAGCAG AGTTGAAGGA TGAGTCGGAA TGAGGTAGGA GAAGAGGAGA
383151 GAGAGGAAAG AGTTTCAGGT TGCAGGAATA GAATAGTTCC AAGAGAAAGA
383201 TGACATGAAG CAGTTGGGGG GAGATATTGC GGGGCAGATT GTGAGACACA
383251 GATTGCCTTG GGATGGTGAG AGTGGAGATA GAGAAGTCAG ACCTTTCCAG
383301 GCCTTTTGGA ATAAATGAGC CTTTGGGAGG ATAAGTGTA TAAGGCCATT
383351 GGCAGGTTTT AAGCAGGGAG CTGTGCAGTC TGATTTATTG TAATATAACC

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383401 ACACAGGCCA GGATAATGAT TGGAGTCCTG TTCCTGGGCT GTTGCTGATC
383451 TAATGTAGCA ATCATGGCAC TTGAGAAAAG TGGATGGGTT GGAGGCAAAG
383501 CTAGAAGGAC TCAGTATTGC ATTAATTAAT AATCCCCCTC TCCACCTGGT
383551 TGCACAATGT CCTAAACCCG CCAGGAGAAT GTGCTAATGC AGTCATAAAG
383601 AGCAACAAAA TACCATATTT TACAGTAAGG TATGTGAAAC AATACACTGA
383651 CATTTTGTTC CCCCATAAAA GTCACCAACA GTGCTATGTG CAGCATGGAA
383701 AAGATCTAAA ATAAATTAA AAGATTCAGA GACAAGCATT AAATGTAAAA
383751 TGGGAGAGGA AAAGAGGGTA GTAACCCAT GTGGCCTCTG CCATCTGGGA
383801 AGACCTGCAG GGAGGACAGA GTGTGGTGGA AGTTCATAAA ATCCTGAAGT
383851 TAGTGGAACT TGTCCCTTAA GACCTAGAAA CACAGAACAT TCTGGGAGTC
383901 TTTTCAGATT GTACAAATGA AACTAAAAC CATAAATCTG CATAACTGGT
383951 TACTAACCCG ATCATAGTAC ATTGAAAATA TAAACAGGTT TCCAAATTCA
384001 AATGCAAGAT TTTTGTCTCT GTTTTGTCTT AAACCGCAGT TATGAACTGC
384051 GGTAAAGCTC TGACTTTAGC TGTTTTCCTG TATTGTGACA GTGCACCTCA
384101 ACATCTCTGA AACCAGAAAT TGGGCTGGAA GGGCCATTGT TTTCACTCAG
384151 TTAAATATTT CTTATGTTTC AATGTCTCTT TTAATAAACT CTGTGTTGCG
384201 CGTATTTTAG ACAGTTGGGT TTGGTGTAAT GTTGTAAAGAA GTGTGAGCCA
384251 GAGTTCCTAG ATTTACCCCT TAGCAGGAAG TTGAATCAAG ATGGATTAGC
384301 CAGGGAATCT CAGGGGCTTA ACCCAGTAAA GAGTTATTTT TCACCCATGT
384351 CCCTATCCAG TGGAGAAGTG CATTGTTCGC GGGTGTGTTG AGTATGTTTT
384401 TCTTATTTTC CATATTCCTG ATGCACCTGC ATTAGGGGCC TTGATTCCGG
384451 AGACACTGTC CTCACAGGGC TAGCTAATTC CTGAAGTTAG CAAATGCCCTC
384501 CCCTGGCTGC ATGGCTTTGA CATACAAATC AACCAAGCCC GAGCCACAC
384551 CCCAGCCAC CTCCTTTATC AAACCTCTAC CCACTGAGCA GGTGTTCCCT
384601 TTGCCCCACA GCACCCAGG GCCAGGTACC CAACAACCTAG GGACCATCCT
384651 TACAGCCCTG AGCCTGCCAG AATTACTCCC ATTATACAAT CCTAAGTGTC
384701 CTCAGTCAGC ATACCTACCC TGCCTCACCT GTTCTCCCTT GTAAGAACCC
384751 CAGTAGAGGC CTGGGCCATG CTCAGCGTCT CTCCAACCTC CTGAGCTCCG
384801 TGGCGCTACC TGGCATGGCC TTGCCAGGCA TGCTGTGCCT CCTGCTTCTA
384851 GCATCTGTGA GTACGAACCT CTGCCTCCAT GACAATCATT CCATGTCTGC
384901 CTGTCTTACC ATATCTGTTA AAACATATGCC TGCTTCATTT CAACACAGTG
384951 AGGCTCCATG GAGTACACCC TCAGCCTCAA CACTGGGAGG GGAGAGGCCAA
385001 GATGGTTTGC AGGGCAAGGA TCATTTGCTC TTACCCACAT CTGGCAGGAA
385051 GAGATCCATC AGTTCTGCCC ATATCTGATT GGCAAGAACT AGTCACAGGG
385101 CCTAGCACGG CATGGGGTGC TGGGGGATAT CACTTAGTTG TGTACCCAGG
385151 AGTAAGAAAC ACGTGTGGCC TCACTGGGTG ACTGCCTGGG CATTTGGCAAT
385201 CAAGTTTACT TTGCGTCATT TTTACTTCTT TTTTCAGATT TATTTTATG
385251 AAACAAAAGT GAAAAAAGAG AAAGATTGAA ATTTGAGTTT CATGTCCTTA
385301 ACTTTATCCA GCAGAAATGG CAATAGAGGA GAAAATCCAG CAATAGGCTT
385351 ATATAACCAG GAGCTTCACC CGGCAGCGCT GGTGTGAAT GTAATTGTAA
385401 TCACTAACAC TTGTATAAAC CCTGCTTTTT ATAAAGCAAC CTCGATACT
385451 TTATACTACT TTTTACGGGG AGGAAAAAAA TAAATTTTCT CTTTCATGAAT
385501 TCATAGTGTC GGAGGCAGAA AGCATAATTT TAATCTTAGT TCAGGCACTA
385551 TAGGCATAGC AGGTTAACTT CTGAAAGTTT GTAATTTAGC GTCCTGGAAG
385601 TTGGAATATA TCTTCACTCT TGATGTAAAT CTAGAAGTTG CTAGTTGGGA
385651 TGGGGTGC GC TTTCTCTGAG CCACTGGAGT CTTGAGAGGC CCAGAGAGTA
385701 AGGTGGGGGC GGGGGCTGGC TCAGTTAATG TTCTGGAATC CCGGCTGCTT
385751 TGAACACGTG CTGCTGGAAG CTCCTGAAGG GAAAGGAGGA GAGAGGAAAA
385801 GCAGGAGAAA CTTGGTATCT GCTCTGGAC AAAAATGTCT TGGCAGATGT
385851 CTTGGTGTG AGGGAATGGT GCCACCTCTA CCTCAGTTCT CCCTCCTGAG
385901 CCCTGCATGA GTGTGATGCC TGCATTGTTT AGTTCAGGTG TTCCACTGAT
385951 TCTGACTAAA TCAAAAGTAT ACATGTAAAT CCAGCCCATC TGTTTTCATG
386001 ATTTGTTAAAC GCCGTCTCTT CTGACCACTA TGTATATAACA TTGTCTTGAA
386051 ATTTTGCTTT TGTCAGAGCC ATTTCTGAAT ACATTTTGTG GTTTAGCTGG
386101 ATGATGATGT AATGTTTTTA ATGAGCATT AATTGAAATG GCATCTTTAT
386151 AAAATGGCAT CAACCTAGCT CTTTGAATA TTCTGAAATA AGTTCCTTGA
386201 TCATTTTGTG TCTTTAGAAA ATGAGACATG CTTTCTTAT AAATTGTGGC
386251 TTTTCCCACA AATATTTTCA AAGAGATTTT TGCAGACAAC ATTTTCGGGC
386301 TGTTACTACT AATGTTGGAG AGCTCATGTG GTTTTGTCCC AGATGTTTAC
386351 AGTAGGCTGG TTTAGTGACT ATGTTTCCAG ACCTAATTG GCTAATCCTA
386401 TGTTAGTTAT GTCTGTTCTT GAACCCCAAC CAGATTTTAT GACTGATAGG
386451 AGTCTGGAAG AACAGACTCA CCTGTCTGCT TGGGTCAGGG GATCCTGGAG
386501 CCACACATAA CACTGAATTG TCTCTAAGAG AGCATCTGGG ACTGTGTTTC
386551 TGTCTCTCTC ATTTTATGAC ACTTTTCATG CATGCCATAA GCATCATCAT
386601 TATATTAGGT TTGTATCACA TGCAATCACA GATCATTTCT AATGTGACTT
386651 AGTATTTTAT CAAACCAAGC ACATGGAGAA CTTGTGTTAC CTTTCTGTGT
386701 GTTGTGTTG TTTACCTGT AGAAATTGTC CTCTGGATT CTGAGATGGG
386751 TAATGCCCTC CTGTCTCATC TCAGCCCTCA CCAGTGTTGG ACCTGATCCT
386801 GAATTTGCAA AAGGCAAACT GATCTCAGTC TAGTTCGGGT AAATGCCAGC
386851 CCCACTGATG CGATGGGGAG GCGAAGCCTT CTTAGCTTTC TCCTTGCCCT
386901 TTAGGCCTTT GTGTACCACT GACGGGTGTC TGCAGGAAG AGCTTGCTC

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386951 TTGGAGAACA CAGGTTTGGT GAGATCACAT CTCTCCATAT GCACTTTGGA
387001 TAAATTTCTT TATTTATAGA GACTTTTTTG GAGCCTATAC ATTTGACCCC
387051 TGCTGACCTC ACCGCTGTAG CCCCACCCCT ACCTCATCAG CTCACCTTTC
387101 CACCTCCGCG CCCAATACAG GCTGGTTTTT TTTTGCCTG AAATGTTCTT
387151 CCCCCTCTCA ACTGACCCCT ACCCCAAATA TCCTATCTCT CCCCCATAC
387201 TACTTTCTCT GAAATTATGC TCTTACCATG GTTTGCACAG ACGGTGGATA
387251 AATACTGTTT CAAAGGCTGG CTGGGGAAC CCACTATTTC CCGGTTGGG
387301 GTTTTGTCCC CCTTTGAAAA AATTCACCTG AGATTTTAAA TATCTGACTA
387351 AAGTGAAAAC AGGAAAGACT CTCAGAGTGG TAGAATTGTA ACAGAGCTGT
387401 TAAGATTTCA CTCAGTGGGA AGGAATATTT TGTCAGCAAC TTGCTTTAGG
387451 AATAAACTGG ACAATCGAAT GGGGCTTTTC CAGCCTGCAT TAACAGCAAG
387501 CTGTAGCTTG GAAACACCTG CATGACAAAC ACTTTCCTAG GACTTCTTTT
387551 TTCCAGGAGT AGCTTATTGG CAGGTTTAA CAAGAAACGA CCCCCACAGG
387601 TGTTTGCTTC TAAAACTGTT GAAACAGAAC CATCTAGTCC CCAGGGTTTC
387651 CCTACAGGGT GTGCAGGGTG ATGACTGTGA CTTGTTTGAA GGATGCTATC
387701 TTTTCAGAGG CTCTTGGCAA GTCCCAAGAT CTCACCTTGG TTTGGGACTT
387751 TCTCTCCAA GGAATAAAC TATTTCCAGA TGGTGTAGC TTTGCCTAGG
387801 GAAGGAAGTA CTCTTCCCTA GACTGAAAAC TAAATGCAA TGCTGAGTTA
387851 CCTCTCCAA ACAAGGAACT GAAATATTAG GCTTAGCCCA TCTTCATTA
387901 AGTTTAATGC TCAAATTACC TTGTGTGTTA GCATTTTATT GAATGCCAGT
387951 AGCATTCACT GTCATGACAA GTTAGAAATT AATGCATTGT CAGCCGGATG
388001 CCGTGGCTCA CGCTGTAAAT CCCAGCACTT TGGGAGGCCA AGGCGGGCAG
388051 ATCACCTGAG GTCAGAACTT CAAGACCAGC CTGGCCAACT TGGTGAACCC
388101 CCGCTCTCTG CTAAAAATAC AAAAGTTAGC CAGGCATGGT GGTGGGCACC
388151 TGTAATCCCA GCTACCCGGG AGGCTGAGGC AGGAGAATCG CTTGAACCCA
388201 GGAGGCAGAG TTTGCAGCAA GCTGAGATCG CGCCACTGCA CTCGAGCCTG
388251 GGTGACAGAG TGTGACTCTG TCTCAAAAAA AAAAAAATAA TTAATGCATT
388301 GTCAAACTTT AGTAGCTACA TTAGAAAAAC ATCTTTTAGA TTTCTCTGTT
388351 TCTGCTGTTT TGCCAAATTG CCAGCCTCTG GTACATAGTC TTAAGGGTTC
388401 CCCTCCATGC AGGTGTTCTC TTCATAGGTT AACATTCAGT CCTGAATGAT
388451 CCAAGAGTTT GTCTCATGTA AAGGCCATCC AGCTTCATGA ATTGCGTTGC
388501 TCTGTGCGAA TGCCCTCATG TATTTATTTT ATTTTCTTTT AAAAAATGTT
388551 TTTCTTTTTT AGAGACTAAG TCTCACTCTG TCACCCAGGC TGGAGTGCAG
388601 TGGCATGATC ATAACCTCAA ACTCTTGGGC TCAAGCAACC GTCCTGCCTC
388651 AGTTTCCTGA GTAGCTGGGA TAACAGGCAC ACACCACCAT GCCTGGCTTC
388701 TTCATATTGG TTCTCTCTCC TGATTGCGTA GAGGACTGTA TCCGACCCCA
388751 ATGTCTCCTC CTCAGTCTGA CGGGAGAGAT GAGAATTCTC TCTGTTAGAC
388801 ATCTCTGCTT CAGTGTATGT TCTCTGTATT TACTCCACCT CCTCCTATTT
388851 CTTCCCTCTG AGGCAGTGGT TCTCAACCAG GATTGATTTT TGCCCTCCAG
388901 GGGACATTTG GCAATGTCTG CAGTTATATT TGGTTGTCAC AACTAGGATG
388951 GGTGCTACTG GCATCTAGCG GGTGGAAGCC AGAGATGCTA CCAAGCAGTC
389001 TGGCATGCAC AGGTGAGCCC CCAGACAAAG AATTATCTGG CCCAAATGAT
389051 CCGTAGTGCC ACATTTAATA AACTCTGGGC TAATGAAATG TCCACACCAA
389101 CTCAGAAATA AAGGTCAGAT CTCAGGCGT TCCTGGCACT CCCGGAGTTG
389151 TTCACCTTCT GTGCTTCCTT ATGTGGTATA AAATTTCTGT CATATGAGTC
389201 TAAATTTCTG TCCACCGCAG TTCTCTCCTG GATATTTCTT TTCCATTAGG
389251 TGTCAGTATT TCAAAATGAGT ACTTCTTAGT CTAATTGTTT TTTTCTTTGA
389301 AATTATCTCC TGTCAATTCT AGGAGTCCAT TTTTCTAACT CAGTTAATTA
389351 GTACAAATCT TCATTTACAA AATTACAGT TTCTTGCCCG GGTGCACTGG
389401 TGTGTGCTCG TAATCCACAG ACTTGGGAG GCCGAGGCAG GTGGATCACC
389451 TGAGGTCAGG AGTTCGCGGC CAGCCTGACT AACATGGTAA AGGCTGAGAC
389501 AGGAGGATCA CTGTACCTG GGAGGTGGAG GTTGCACTGA GCCAAGATCA
389551 TGCTATTGCA CTACAGCCTG GGCAACAAGA GAGAACTCA GTCTCAGAAA
389601 AAAAAAAAT TACAGTTTCT TACTAACCAT GTGACCTTGA ACATATTTGA
389651 CTTCTCTTTG CTGCACCAAG TTCCTCATGT GAAATATGCA CATAATTATA
389701 CTATTTTCATG TAGTTGCTAA AGTATTAAG GAGCTAATAT GTGTAAAGTG
389751 CTTAGAACTG TGTAAGTGT TTATATAAGA TATTTTTTAA ACATAGAATT
389801 TCTTGGTCAG GTGCGGTGGC TGTAATTCCA GCACTTTGGG GGGCTGAGAC
389851 AGGTGGATCA CTTGAGGTCA GGAGTTCGAG ACCAGCCTGG CCAATATGGT
389901 GAAACCCCGC CTCTTCTAAA AATACCTCAA AAATTAACCG GGTATAGTGA
389951 TGCACACCTG TAGTCCCAGC TACTCGGGAG GCTGAGGAAG GAGAATTGCT
390001 TGAACCCAGA AGGTGGAGGC TGCAGTGAGC TGAGATTGTG CCACTGCACT
390051 CCAGCCTGGT GACAGAGCAA GACTCTATCT AAAAAAATA TATATATATA
390101 TGTATATATA TATAGAATTT CTTATAATGT CTAATAATTT TGTATTATTG
390151 GTGTATATCC ATAAATATG AAACATGTTT TATGTCTTCC CTATTAAACA
390201 AATACTTTGT ATGTTTTAGT CCCTGACTCA ACCAGATTGG AAATATTGGT
390251 ATTAGAAGAA AATTCAAAA GTTGTCAAAC CATAGCTACA AATTTTGACT
390301 TTCAGCTTAG TCTCCCATGC CTGCTAACCC TTTTGTCTGA TCAGAGTTTT
390351 CTCTAGGGCC CCTTAGGGCT AATGTAGGTG GGACTTCAAG CACATAGATC
390401 ATTGCTCTTC TCAATTCAGA TGGATTAATG AGCAGATGGG TTGAGATGGA
390451 GATGAGGAAA GACATCCTAA GCTATGTTGA GGAGGGAGAA GATCTGAGAC

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390501 TCAAGTTTCT GCTGTTAAAT CCATGAGGCT GATTAGCAG CTAAGAATAC
390551 AGGCCTTAGC CTTTATAGAGT TCCCTATCTG ATAGGAGCCT TAGAGATAAC
390601 TCAGTTGTCA TCATTTGCAT CTGATATAAA AATCTCCATT TTATGGGTGG
390651 AGAATTGAGA CTCAAAACCT AAACCTTTAA AAAATGAAAT AATGGCAGAG
390701 CTGGAACAGA GAGCAGGGCT GTTATGGGT TTTGTAATC TTATTACGGG
390751 GACTGCCTCC ACTAACCTTA GTTCCCTTCT CTCCACCTCA TGTTCCTTT
390801 GTTTTGGAAT ATGGTCATGT TTCATGCTG TCTTTCTTC CTCTCGTGA
390851 CTTAAAATAT GAATCATTTG GTACCAAGTT TTCATATGTC TTCCTGTATT
390901 CATATGACCA GAACCACTCT TCTCCATCCC AAACACCGCT GTTTATCTAC
390951 ATACTCCAGC CAAAAACTTT CTGATTCTCT CACATTCTTT TCTACCTAC
391001 ATCCAAATCA TAAGAAAATT TTGTTTGTGTT GTTTGTTTTT ATAAGAGACA
391051 GGGTCTTGCT CTGTCACCCA GGCTGGAGTG CAGTGGGTG ATCATAGCTC
391101 ACTGACGCTT CAACTTCCTG GGCTTAAGGA ATCCTCCCAC ATAGCTGGAA
391151 CTACAGGCAT GCACCAGCAT ACCTGGCTAG TTTTAAAAA ATTTGTTTAT
391201 AGAGATAGG TTACCCAGGC TGGTCTCAAA CTCCTGGGCT CAAGCAGTCC
391251 TCCTGCCTCA GCCTCCTAAG TGCTGGGATT GCAGGTGTGG GCCACTGTGC
391301 CTGGCCAAAT GCTGTCATTT CCACCTTCAA AATATTTCCA AGTGGCTTCT
391351 GTCCAAAGCCA CTCTGGGCTT GCATTGTTCA ATAGCACTTT CTGTGAGGAT
391401 GGAAATGTTT TGTATCTGTA CTGCCAATA CAGTCGCCAT TAGCCACATG
391451 TGGCTATTGT GAATTTAAAA TGACTGAGGA ACTGAAGTTT TTATAGCAGC
391501 TTTATTGGGC TATAACTCAT ATACCATCTA ATTCATTGAA AGTATGCAAT
391551 TCTATGGTTT TTAATATATT CACAGAGTTG TACAGCCATC ATCACAATAC
391601 ATTATAGAAC ATTTTATCA CCCCCAAAAG AAACCTTATA TTCATTAAGA
391651 ATCACTCCTG CCGGGGCACG GTGGCTCATG CCTGTAATCC CAGCACTTTG
391701 GGAGGCTAAG GCAGGTGGAT CACCTGAGGT CAGGAGTTCG AGACCAGCCT
391751 GACCAACATG GTGAAACCCC GTCTCTACTA AAAATACAAA AATCAGCTGG
391801 GTGTGGTGGC GCATGCCTGT AATCCCAGCT ACTTGGGAGG CTGAAGCAAG
391851 AGAATCGCTT GAACCCAGGA GGCAGAGATT GCAGTGAGCA GAGATCAAGC
391901 CATTGCACTC CAGCCTGGGC GACAGAGTAA GACTCCATCT CAAAAAATAA
391951 AAAAAAAGA GTCACTCCCC ATTTCTCCCA AGCACCTCCA GTACCTGGAA
392001 ACCACTGATC TACTGTCTGT CTCTGTAGAT GTGCCCATTT CTGGACATTC
392051 CATAGAGATG GAATATGTGG CCTTTGGTGT CTGGCTTCTT CACTTAGCAT
392101 AAGGTTTTCA AGGTTTCATCC ATGTTGTAGC ATGTATCAGT ACTTCATTCC
392151 TTTTTATTGC CTAATAATGG TGTCTATCA TATTGATATA CCACATTTTA
392201 CCATTTTACA GTGGATGGAC ATTTGGGTTA TAAATAGGCT ATTTGTAATA
392251 ATGAATAATG CTATTCATTA TTTTAAGCTA TTATGAATAA TTATAATAAT
392301 GGTGCTATAG TTTTAAAGTA CAAGGCTTTG TGGGTTTCAT TCATATGTTT
392351 TCATTTCTCT TGGATGTGTA CCTAGGAGTA CAATGGCTAG GTCACATGGT
392401 AACTGTACAT AACGCTCTGA GGAAGTGCCT CACAGTTTTC CAGGGTTTGC
392451 ACCGTTTTAC TTTCCACCCA GCAGTGATG AAAGATCTAA TTTCTCCACA
392501 TCTTGTATT GTCTGTTTT CTGTAGGCAC CCCGGTGGGT GTTAAGTGGT
392551 ATCTCATTTG GGTTTTGATT TTATATTCTT TTGATGGCTA ATGATGTTTT
392601 GCTGTTCTTC ATGCACTTAC TGGCCATTTT GATATCTTCT TTGCAAAACT
392651 GTCTATTGAG ATCCTTTGCC TATTTTTAAA TTTTGTGGGT GGCCTTTTTA
392701 CTGTTGAGTT GTAAGAGCTC TTTGTGCATT TTGGATACAG GTTTCAGATA
392751 CATAATTGTC AAGTACTTTT TTCCATTTT CAGGTTGTCT TTTTACTTTC
392801 CTAGTGTTGT CTTTGAAGC ACAAGAGTTT CTAATTTTGA AGAAGTCCAG
392851 TTCATCTACA TTTTCTTTC CTCACTGTGC TTTTGGTGCC ATATCTAAGA
392901 AACCATTGCC AGATCCAAGG TGATAAAGAT TCATCGCTAT GTTTTATCAT
392951 AAGAGTTTTA TAGTTTTACA ACTCAAAAC AAAAAGTCAA ATACTGCATG
393001 GCCTCACTTA TAAGTGGTAG CTAAGTAACG TGTACACATG GACATGGAGT
393051 GTGGCATGAT AGACACTGGA GACTCAGAAG GGTGAGAGGG TGGGAAGGGA
393101 AAGGGTGATG AGAAATCTT TAATAGATAC AATGCACATT GTTCAGGTGA
393151 TGGAGACACT AAAAGCCTAG ACTTCACTCC CATATATTCA TGTAACAAAA
393201 TTGCACTTGC ACCCCTTAAA TTTACATCAA TTAAAAATGA TTTTATAGCT
393251 TTGTTTCTAT GATCCATTTT TAAAAATTTT TATTATGTTA AAAACATCAT
393301 CTTTTCCATT TTAACATTTT AAGCATACAA TTCAGAGACA TTAATTACAG
393351 AATGTTATGC AACCATCACC ACTATGTTTT TCCAAAAAT TTCATCACCC
393401 CAAACTGAAA CTCTGTGCTC ATTAAGCAAT AACTCCTCCT TCTCCCTTC
393451 CTCCCCAGCC CCCAGGTAGG AATGAAGTTT GTATTGTATT TTATTTTAAT
393501 TAATTTAAAT GTAAACAAC AAATGCAGCT GGTGATTACC ATATTGGGCT
393551 GCACAGTTAT AACACGACTA GTATCATCCT CTTAGATAGA CTGCTACAGT
393601 CATTTCTAAG CTGGCTTTGC ATTTATTATT ATCCTATTTA TGGTTATCTA
393651 TGGTCCATTC TCCCATAAAA GCTGGACTAT TCCTTTAAGA ATGTAACCTA
393701 TTCCATTTC TCCCAGCTC TGAATCTTCC AGTGGTTACC TATTACAATT
393751 AACAAAGAAA TCCAAGCTCT TTGTTGTGGT CCACATTTGT CTGCCCTTT
393801 GACTGTCTGC CTCTCTCTTT TCCTTCTCCC AGTGCTGCA GCCCCTGG
393851 TCTTCGTAAT GATCCTTGAG CTCATCAAGT GCTGTCTGCA TTCAGACTCT
393901 GCACAGTTTC TCTCCTCTGT CTGGAACACT CACCCTGTAG ATCCCCATTT
393951 AACTCTCTCC CTCGTACCAT TCAGATCTGC TCAAATGTCA CCTCCTCAGA
394001 AAGATTGTTC CAGAGCTCCC TATCTAAAA ATGCATGCTA TTAATCTACC

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394051 TTATAGCTCC TGTGTTTTAT TCTTATTTTT TATTAAGACA GGGTCTTACA
394101 CTGTCAACCA GGTGGAGTG CACTGTTGCA GTCATGGCTC ACTGCAGCCT
394151 CAAACTCCCG AGCTCAAGCA ATCCTCCAC CGCAAGCCTC CCAAGTAGCT
394201 GGGACCACAG GCGAGCACCA CCACACTGG CTAATATGTT TCTTTTCTTT
394251 TCTTTTTTTT CCTTTTTTTT TTTTTTTTTT TTGAGGCAGA GTCTCACTCT
394301 GTTGCCACAG CTGGAGTGCA GTGGCATGAT CACTCACTGC AACCTTCACC
394351 TCCCAGGTTT AGTGATTCT CCTGCCTCAG CCTCCTGAGT AGCTGGCAAT
394401 TCAGGCAGGT GCCATCATGC CCAGTTAATT TTTGTTTTTT TAGTAGAGAC
394451 AGGGTTTCAC CATGTTGGCC AGGCTGGTCT TGAACCTCTG ACCTCAGGTG
394501 ATCCACCCAC CTTGGCCCTT CAAAGTGCTG GGATTACAGG TGTGAGCCGC
394551 CGCACCCAGC AGCTAATGTA TTTCTTCATA GCACTTATTA CACCTGACAT
394601 TTTATCGTGT ATCTGTTTAA GGTTTTATGT CCTGTCTCCT CACTAGACCA
394651 CAAGCTGTAT AAAACAGGG ACCTTCTCTT CCCGTTTTTC ATAATAGTGC
394701 CTGGCATAAA ATAGGCTGTA AGTAAATATT TGTTGAGTAC ATAAAAGAAG
394751 AATCTTATTC ATTTCAAGGC TATAATCTAT GTTAGAATCA AAGAGATGGT
394801 CTCCATACTA AACTGAAGTA TTTCTTCATT GAGGCAGGCA TTTAAAAGTG
394851 TTGCACCTGT TAGTAAAACA GTCTTAAGGC CAGTTCCTGA AAAGTGAAGT
394901 CCTACAATTT TGAGTAACCTA TTTGCTAATA CATCAGCATG TTGCCCTCTT
394951 GGGATTAATT AGCCTTTTCT TTTACTTTTT TAACTTGCTC CCTTCTTCC
395001 CTTTTAATGA AGTCATGCCT AAGCTCCAGT CTGTCTTGT CCCCTCTCCC
395051 CTAAGCTTTG AGACCGTTCC TTTTAAAGTC AGTGGCCATG TCTCGCCCCG
395101 TTCTCCCGAT ATAACCTCTA CTTTACCAG CAGCGGGGCC TCCGTTTAGT
395151 GCAGCCCGTG ATGTTGCTTT CCTGGTTCAT CTTCCCTTAT CCACAGATT
395201 ACCTGGCTGG ATCGGGGAGA CTGTGTGTGC CCAGGGGCTG GATTGCGAGA
395251 CCCATGCTTC TGCAGTTCCA CTTATGACTC CATCATTATG CTGTTTTAGG
395301 AAAATAAATA GATATTGATT CTCTAATAAG AGTGGGATTG TTCAACAAGC
395351 ATTGGGAAAA TCTGCGAGCC CAGATATGTA TGTATAGCAG CTACTGGTTG
395401 GAAATTGAA CACAAGCATC CTTATCTACC CAGCCTGCGG GCCACAGACC
395451 AGAACTGAGT ATAAAAAAG AATAAAACCA AATGCCACAT GTTGTCTCTT
395501 ATAAGTCAGA ACTCAACATT GAGTATACAT GAACATAAAG AAGAGAACAA
395551 TAGATGCCGG AGAAGTTGAC AAGAGAGGGA GAGAGGAAAG GCTTGAAAAA
395601 CTACCCATTG GGATGCCAGG CACGGTGGCT CACGCCTGTA ATCCAGCAC
395651 TTTGGGAGCC TGAGGCGGGT GGATCATGAG GTCAGGAGTT CGAGACCAGC
395701 CTGGTTAAGA TGGTAAAACC CTGTCTCTAC TAAAAATACA AAAATTAGCC
395751 AGGCATGGTG GCGGGCACCT GTAATCCCAG CTACTTGGGA GGCTGAGGCA
395801 GAGAATTGCT TGAATCCAGG AGGCGGAGGT TGCAGTGACC CGAGATTGTA
395851 CCACTGCATT CCAGCCTGGG CGACAGACCG AGACTCTGTC TCAAAAACAA
395901 AACAAAACAA AACAAAACAA AAACAAAAAA AAACACTACC CATTTGGGTAC
395951 TATGCTTACT ACCTGGGTGT CAGAGTCATT TGTACTCCAG ACCTCAGCAT
396001 CACACAGTAT ACCTTTGTAA CAAACCTGCG CATGTACCCC AAAATCTAAA
396051 ACAAAAGTTG GAAGAAGTTG AAAGAAATAA GAATAAAGGA AGGTTGGCAG
396101 TGTCATCCAA GGAAACTAAG CCTGATATTA AAATAGGCTC TGACCACTCA
396151 GGATAAAAAA CAGACTTCTC TGTGCAGGTG TAGCGGAGAT GATGAAACAA
396201 CTCTATTAGC ATTCTGCCTT AGTGGTTGTT ATAGTCATAG CCATCCTTGA
396251 AAAGAAAAAA AAAAAAGGA AAATATAGGA AAAGTAGGCG TTAATATCCT
396301 TCTTCTATTT TCTAACTTC TGTCACTGGA GTGCTTGCGT TCCCCAGGT
396351 GATAGACTCC GGAAGCTCAT ACAGTTGCAG ATGAGAACAT GAGTAATAAA
396401 TACCCCAAAA ATTCTTTCCA AGTTCAGTCA TGATGAATTG GTTTAATATG
396451 CATGTAGTTA TCTTTTTATT GGTCCATAAT TCCAATTAG CAAAATGTAA
396501 AGATGAATCA TAAAGAATAC CTGGAAGGAG CCCCACATT GATGGCACTT
396551 AATAAAGATA GATGAGTATG TTCTTACTCC TTTTTTTAAA ACAAACTGGA
396601 CAAAGATAAA TTTTAATGTT TACAAAAATG TAAATTTTCA TGCAGATCAA
396651 GCGTTTGGTT GGTGTTGGT TGGGAAGCTT GACTTTATTT GCTTCATTTG
396701 GAGAGAATAT AAGATGAAAA AGTTCATCAT TAGAAAGAGA AGTAAGCATT
396751 AGAGTCACAG GATGGGATTT TGAAATACTC TGTGAGTTGA TTGATGTTCC
396801 TAAAGTTCCC TGTTTAATGC TCTGAGTTAA ATAGGTGGCC ATGCTCAGCT
396851 TCTTGGATGT TAATAGTAAC TTCTTTGTTT TTCAGATACT GTGTTGACAA
396901 GTGGTCATGC TACCGACTAT TTATTGTTG GAAATATTGT TTACACAGTA
396951 AGTTTATCTC TGTTTATTAA GCCATTCTTA AACAGCTTAT GTGTGGCTTG
397001 CACTTCTCTA AACCCCTAAA AAGGGCCTTC CTCATTATTA TTATTTATTT
397051 CAAATCTTCA AAATGTATTT TATATATCCT TCAAAGTTCA GAATGGTTGT
397101 GAAATGCTTA CATCATCGTT TCTGAAGGTT ATGCCAAGTG AAGGTTTCTG
397151 GGCAGGTGGT TAACAGATTT CCCCATTCTT CAAATGACCA TTTTACACCT
397201 ACCTGCAAAG GAAACACACA CTCAGGAAGG TGGTATCTCC CAAGCTAAGA
397251 AAAGGGCAAA ACTATTATTT ATGAGAAAGA CTGTTACTAG AATGAAAGCT
397301 CTTCTGGAAG TGAATCTGCC TGTATGTCCC CTGAAAATAA CCCTTAGAGA
397351 ATTAGCTACT GACATGGCTG GTGCTTTCAA ACCGGAGCTG CCTTGGGGAA
397401 GCTAGTTCTG GAGTGGAGAG ATGGGATTTT TCATGGAAAG TGAAATAAAC
397451 TCATTGAGAA TAATGTGTTT CCAAAGTGT TTTTATTTT ACAGTATGTT
397501 GTTGTACTG TTTGTCTGAA AGCTGGTTTG GAGACCACAG CTGGACTAA
397551 AGTAAGTTTT CTCTAGAATT GTTCTCTGT TCAGTATAGA TATTTTTCAT

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397601 GCTAGGATTT CTTTTTAAGC CTTGGGGAAA CCATAAGCAA TATCTGGCTA
397651 TCTTCTTTCA GATTTTCTGT GTAAAAATTG TGGTTTGATC TTGATCAGGG
397701 TAAATTTGCA ATCCAAAGTC TCTTGGTGAT TCATTTGCTT GGCACGTAAT
397751 ACAGCTCTAA GCTATTAACA GTCATCTCAC TTCAAATGTA TTTGCTCATT
397801 GTAAAAACAA AAACCATATT ATACACACAC ATATATGGAA AATATAGAAG
397851 GACAAAAAAC ATTTAATGTC CATAATTTTA CCACCAAGAG ACAGTCACTG
397901 TTAATGCTTT CCTGTGGAAC CTTCCGGACT TCGTCTATG TCTGCATGTG
397951 TGTGTATTTT TTAATAAGAT GATGCATTAT AAAACATAGG ACTTTGTAAT
398001 CCCTTTTAAT TTAAATATAT ATTAGGCACA TTTTCTGTGA CTTAAAAATC
398051 AAGTCAACAA AGTTATTGTT CTTGATTAAA GAGTATTACG TTTTACAGAT
398101 GTCCCAACAT TTACTTCATC ACTCTCTTAT TTTAGACATT TTGGTTATTT
398151 CCAGCATTTA AAGATTATAA CTAAAGCTTC ATGTGTGTCT CTCATAGTGT
398201 CATGACCTGG CTGCTGTGTA AATGCTCTGC TAAGAAAAAT GGGGATGGGG
398251 TGAAGGTCAT GTGAGGAATC AGGGAATCCC CTAAGAGACA GTGGCAATTA
398301 ATCCGGGTCA GAGGTGATGA TGACTTCGCT TACGATGTTA GAGGAGGAGG
398351 TAGTGAGAAG TGGTCGGAGT CTGGATTCAT TTTATCTTTC TAAAAGCTAA
398401 CAGAGCTTGC ACATGGATTA GATTGTGGGG TGTGAAGAGA GAAAGAAGTC
398451 AAGGATCATC ACATTAAGAG GACAAAGAAG AAAAAATGAA CAACGCAGTA
398501 GATGCTTAAA GGGGCATTGT TAAGAGGCAA TATCCATTTC AGATTTAAAA
398551 ATAAAAAACT CTTGGCTAAA GGAATGGAAC AAAGTCTTGA AATGATAAAT
398601 AAAACATCTT TATTTATTTT GTCTGTTCAG CCACCTCTGT ACCAGATTAA
398651 TGAGTCCTTG TTGTATACAG CCGCAGGTTG GAGCAAAACAC TTGCTATGAA
398701 CTGAGAGGGG CCCGCTGTTA CTATGGGAGA AATCTTAGAG TAAGGTCACC
398751 TGTGACAGCA AAAGCACCTT CATCTTCAGG GTACTTTGGG GCCATTTCATT
398801 ACTTGAATTC ATTGTTAAAA ATCTGAGAC ATGGGAATTA GAAAGATTGA
398851 ACTTCCCATC AACTGGTGAG TCATCAAAGT CTTTCCATAA GGAAGGTTAG
398901 CTTGGATGCA AGGATTCTGC AGCAAGTGGA GTTGGGGTGA ATCTGCCAGG
398951 CTGGTCGAGA AGCCTGTCTG AGTGTCTATT TCCCTCTGCA GTTCAGTCAT
399001 CTGGCTGTCT GGGGAAGCAT GCTGACCTGG CTGGTGTGTT TTGGCATCTA
399051 CTCGACCATC TGGCCACCA TTCCCATTCG TCCAGATATG AGAGGACAGG
399101 TAAGTACTCC TGATTGGGAG TGTGTCTTCT GTGTCTGTG ACAGCAATGT
399151 TTCTCCATGG CGGGGTGAGC AGGCACTGTG TGTCTTACAG CCACGATGAG
399201 CTTCAGGAGA GGCTGGTCCT TCCTGCTTCC ATCAGAATCT ATCAGGAGAT
399251 AAACCAAACC AAAGCACCTG GAAGAGGTCA TCCAGTCCAC AGAAAAGGCA
399301 TTTGAAGTTT CAAGTATTAT GAAAAGTCTC AACTTAAATC CTCGGCTTGA
399351 TTGGCATGCC CACATTTCCA TAATAAATTA TGTGTTAATT ACACACAGTA
399401 CCAATATGTA CAGTTGGAAG ACTGGAGCTA TTTTGAATGG TTCCTAATCC
399451 ATTGATTATG TTGATTACAG TTTTGATGTT GTACTCTGGT TTGTTGTTAT
399501 ACTCTGCTGG GTCACCTGTG ACAGATGAAT CTAACAGCTC TATGAACCG
399551 ATCATTGATA AACCAGAATC TCTCATTGTT CATCTCTTGG AACTAGAGAG
399601 GCTGAGATTG AAGACCTTTA CACTCATTGG AATGTTTTTT ATTTTTTCCT
399651 TCATATTATC TTTGTCCAGT GCATAAGATT GAGCCATCAA CAGTGACAAA
399701 CTGTATCCTA GAATCCCACA GTATTGGGTG TGGAGAGGAA TGAGCTGACA
399751 GTCCTCTGGT ACACACCTCC TCAGTTTACC AAGGAAGCTG TGCAGGCCCA
399801 GGTCTCCAAG CCCACCCAG AGACCCACC CTGGAGTTGC CCACATCCAG
399851 CACTGCCCTT AAACCCCAAG AGGCTGCTGG GCCCTGTACT TTAAGGACCT
399901 CTGCTCTGGC CTTCTGTGGC TGGGTGTGTT CCTCGGCACG GAGTGAAAAG
399951 CTATGATGCA CAGAGTCCAT CTTCCCACTT GTAATCTATT CTCTGGGCTC
400001 CCAGGACCCC TTGTTTCCTT CCCAAACAGC CAAAAGCCTC CTGCCCAGGC
400051 CTGCCTGGTC CTCTCTCCAT ATCTAGGCCA GTGTGCACAC TGGGCCAAAG
400101 GGGCAGCTGT TTTCAAGGGT GTGCACTGAG TAGATGATGT TTGCACCGAT
400151 GTTCCCGGCC ACATTGTCAG GATGCTTGTG CAGGGGCACA GAACCCAGGG
400201 TGGGATGGGA ACTGTGGGTC AGGCTTTCAT TGGTGTTCCT GCCCCAGGAT
400251 ACATACTTTA GGGCCAGGCC TGTTCAATGG ACACCTGGCT GCTATCTCTG
400301 CTTTACTTAC TCTGTAGAAA TGAGCAAAAC CTCCTGGGTC TATCCAAGTC
400351 TGGACCATGT CTAGCAACTG TTTCTCGTGA GATAGCCAG GGTAGCATT
400401 CTTGCCATTT CACCTGGTAG CTCTGTCAGC TAATAGCCCA GGTCTCTGTA
400451 GACCTCCACT GAGTGTGGGT GCTGAGCAGG ACGGACCTGT CCTATAGGAG
400501 TGGGCTTGCA TGTCTCTAG TGCATCTTGG CTTTCTGTGA GGAAAGAGGA
400551 CAAACATATA ACATGCTTTT CAGTTTTTTT CCAAATCCAG ACAGTAGAGG
400601 AAATTAGAGG GCGTTCAGTG AACCAGAAG ATTGTTGTGT AGCAAAATGA
400651 GCATTTTCCA ACAAGATAT TTTGTGTTTA AATAAATCAG TTCTATTTTA
400701 AAGCAATGTG ATTGATCCCC ACAAAAAGCA AACCAGAAA ATTATCCACT
400751 ACAAGACAAC GATCCATTGG TAAGGCATTG GTGCTTAGAA TATCTGCTTT
400801 GTGTTCTCTT CTTCTGGTGT CAGGATGGAT CTGCTGTGAT GAATATTTCA
400851 TTTGGGGAAT TTTGTGGTGA TGGACAATAG ATGGGGCCTC AGCCAATGGC
400901 CATAGACAGT GTTCTAAATT AGAGAGTGAC AGCTGACAGG ACGGGGTGCG
400951 TTGGCATGTG ACTGACAGAC AAAGCCCATC CCTTTGAAAG CTCCTCCTGA
401001 GTCCTAAACA GAGAGCTGTG CCAGGGAACC ACATGTACTT CAGTAACTCC
401051 AAATGTGCGT GAATTAGGCT GCTTGCCAAC TCTCACTCCC ATCGAGATAC
401101 CGACTTTCCA ACTGCAGAAG GACCAGGCTG ATCATGCAGC TACTAAGGTG

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401151 CCGACATTTT CACTGTACCA GTCACATAAG CATGATGGTC TGTATGGTTA
401201 TAAGGCTCAG ATTAATGGTG ACATTACAT GTTTAAGGAC TCTTCCAGCA
401251 GAACCTTTAGT GAGTTGTTT TACCATCCGA AAGCAAAGAA GTGATCATAT
401301 TCAACCACAT TGCATTTTTC TGTAAGAGCT TATTTTCTT TAAAACATGT
401351 CATTTTAAATC ACTTTATTTG TTGGTTCCCA TGAAGCAGAT GATAATGATG
401401 TGAAATAGAT GATAGCTGGG TGAACCCGAG GTTTTCATTA AGCAGTACAT
401451 GAGAGGATTA ATGTGGTTCT CTAGTGGCCG GACTTCCGAG TAGGTACTCT
401501 GCTGTCTGAG TCTAAAGAAC TGTGTATCAT CTCTAGCCTT CCTCCAGGGC
401551 AGGGGGCTCC TGAGTGGGTA AAGGGGCCAG GAAATGTGTA ACTTTAGTGT
401601 CACAGCCAAC TTTTACACTG TTTCACTGC AGTCTGCCAC TCTGTATTTT
401651 GACTCAGTGC TTTGTTTCATT CTTTGAAAAA TGGCAGGGAA GTATTACAAA
401701 ACATTTTTTTT AAACACCTTT GAAGGATTGC TTGGGTGGAT AGTGGCTTAC
401751 ACTAGCCTGA AGTCTCAGAA AGCCTTCCTC CTGGCTCAGG AGGACTTATA
401801 TGCTGTCATA AAAAAGAGGA ACTGGGTTCA GGTGTAGTCA GTAAAAGGAA
401851 TTGGCTCTTT TGGGGAATTA CTAAAACAT GCCCACGCC TGTTCATCC
401901 TGGGGGTCTA GGTGGGTAAC TGCTTAGGAG TAAAGGGTAT TCTAGGAAAA
401951 GGCCACTTTT TAAATGACT GTTTGAAGAA TGCTTCTAGT GATTTTTATA
402001 AACCACCTTT TGTAGTTCAC TAAACAGTAG GTTTTTGGCA AGTGAACCTG
402051 GTTATGTGAA TTTCTAGAAT TAACTAGTG CCTAATAGCA AACAGCATT
402101 CTCACCTGAA AGCCAGAAAAG AGATTTGACA CACAAAACAT TCTGTCTATT
402151 CATAACATCT TCAGCCATTG AAAAGATGCA TTGTTTCTGC TGGGGGTTTC
402201 CTAAACTAAT TTGATTAAT ATTTCTTTGT CTGTCCATT ATATTTGGAG
402251 TTTTCTCATA GGAGAAGAAT ATGGGTTTTC CCTTGAGGGC AAAGGAAAGG
402301 AAGGGCTATA GAATTGAATT ATTCTACACT ATCAAAGAGT CTTTATCTTC
402351 CCTAAATCAC CTCATGACAT GGTATGTGAA ACCCAGCCAG ACAACATGTC
402401 AGGAAGTCCC AGTGGAGATT TCTGAAATCA AAGAAGTCAT CTGCATCCTT
402451 CCCCTCCTGA AAATACGCCA CATTGTGGG ATTTTAAGGG GCATCCTGTT
402501 TTTCCGTTTT TCTCTTTGA AGCTTGGATT TATAGTAATA AAAACTTAGG
402551 TTGTGTCTAT CCTGGGAAT GCCAGTCCTC GGCTATGGAA AATACATGAT
402601 GATGTTTTTT TTCCCGTGGG GGACCAGGTG TTTTCTTTT CCCAGTAGA
402651 ATAACCATGA GATAAATGG GTCCCAAAAG CAAATACTTG AAAATGGAAA
402701 ATGACAAAAT CCCTAGGTC ACCACCTTCC CCAAAGTTCG CTGCTGAAGT
402751 AGAACTTTCG ATTGGAAAGA TGATGGAAAC TTGATCCTAG ACCAGGTCAG
402801 GAAATGTGTT TCTGTTTTCT TCATGCATTT CCCAGCACTT CTGACTTTAG
402851 TAGTGTGGA GGAATGCCA TCTTACTTGA CCTCTGTTC AAGTCCGGA
402901 GACCTGGCTC TGTTCATGCC CCAGCTATGA TAGTTACGTA ACCATTGGCA
402951 AATCATTTTA CTGCAATTA TCTCCTAATC AGCAAAGTCA GAATAATGCC
403001 ACCCAACCTA ATTACTTTAG AGAATTGTGA TGAAGATATA ATAGGCTAAC
403051 CTGTGGGAAA TCTAAAACAT GGATGCTCTT CTTTTCTCTG GAGTGATGAA
403101 TTGTTTTTGA ACCTTCATCA ATAAGAATAT TGCTGTGATT TGAATCCAA
403151 ATTCTTTTAG CCAAAGAATT TGAACATTTT ATAGGTTCTA AATGGGATGT
403201 TTTTGAGTAA GGTCTATTGA CCACCTGCAT CCAATCATC TGGGTTGCTT
403251 GTCAAAATGA CAACCCACAC CCCCCAAAAA TATGTGCAGG CAATCACGTA
403301 CACACACAGA GACACACAAT GCACACACAC AGAGAGACAC ACACACAGAC
403351 ACACATATAC ACAGACACAC ATAGTGAATT GCAAACCTCG GGTGTGGAGC
403401 CCCAGCATGT GAGCTTCAGT AAATCTCCAG GTGATTCTTC CCTTTAAAGT
403451 GTGAGAACCA CTGCTTTAAA ACACCTAAAA TATGACTCTA TTAGAATGTT
403501 TTAGCTCCTG CTGGGTGTTA CAGGAGAAGA TGGTACACTG AAGATACAGC
403551 TGAGTGATTG CTCATGTTAA GTGGTTATGT AGGATGCCAG CTGGTGACGG
403601 TGACCACCGT AAGGGCAGCT AGCTTCAAA GTAGGGAATT ACACCACGAG
403651 ACATGAAATG GTTAACCATG GAAAAATTCT CCTCACTAAC TTTTGCTGCT
403701 TTTCTTTTAA AGTTCTTTTC ATTGCTAGTA AGAGAGGGGA GAAAACCTTT
403751 TGACTTCAAA GCATACAATC TGCAACTCTG CCTGCAGTGA CAAGCTCCTG
403801 ACTCCAGCCA GTTCTGGAC TGGGACAGGC TTTTTTTTTT TTTTTTCATT
403851 CTAATACAG GAATGGGTTT ACTCTGAGT TTTATGTACA CACTTGTGTA
403901 CACACAATGC AAATCCAGT GGAATGTAAG TAAACAGAGG GAGGAATGGT
403951 TCTGTCTATCA GTGAATCAGT GATTAATTCC TCATCTTCTC CAATTGTCTC
404001 CCCTGGATTT GTAGCAGGCC TAGGTATGTT CCATGTGAAA TTTGCAAGA
404051 CTGATGTTTG TTTACAGTT GTATGTGCTC TAGGAGGTAA GCTGAGAAGT
404101 TGGGGTGATG TCAAGTAGGT GGCCATCTTT GCTCAGCTAC CATTCCAGGA
404151 TGTCTGTGGA GGATGGGAGC TTAACGGTAG GAATCCACCC GAGGGTCAGG
404201 AGAGGACTTG TTTTCAGGTT AAGGTCTGTG TGGGGCATGT TTGGTTGTCC
404251 CACATCCATC CTCCTTCACC CTTTCTTAAG GGTGCCTAGT GTGATTACAC
404301 TGATGTGCTG TGACTTCCAC CCTAAGTCC AGGTGAAAGC TTCATCCCAT
404351 CCCCCCTGCC ACAGTGAGCG GGTGAGGAAG CCTGAAGGAG ACACAGGGAG
404401 ACACCTGCTG GGGGCTTCCA GGATAGCAGC GAGTTTGCTC CTAACAAAAA
404451 TCCATGAAAG AGCTGGCTTT CCCATCTGAA CCATGTGGGT GCTGCTGTGA
404501 TGCTGGGAAT GGGTCAGCCA CAGGAGGAAA ACCACCTCA GAATCCTACT
404551 ATAGCCTGAA AGATAGACTA GGAAGACAAA AAGACAAACA AAAACAAAAG
404601 TGTCTTTTTT TTATTGTTTT ATTACTTTTT ATTTGACAAG TAAAGGACTC
404651 CAAAAGTCTC TATGCAATTG TTGAGACACT GTATGAAGCC AGCCTCGAAG

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404701 CCCATCCCAG GTGGGGCGCT CAGTGAGAAT TTCCTGTGTG CTGCCCCGCC
404751 TTGTGGGTAG CCCCGGCCAA GGAATCCTCT CTTACCCCAA GTGCGGGTGT
404801 TGGGATGTTT CCTTAGCTTC CTCAGCCAAG GAAATAAACG CTTGTTAAAA
404851 ACAAGCTTAG GACTTTAGCA TATTTAAACT GTTTTATTAT ACTCAAAGTT
404901 ACAGATTGGT TTAAGGAGCT GGTAAAAATT ACTTTAGCAC TGCAATTATT
404951 AGTTTTTTAG ATAACATTCC AGAAAACACT GAATGAGCAT ATCTTAAGGT
405001 TACTGGAATT AATCTTTAAT GCAATATTGA ATAGACTCGG TCCAGTTTTT
405051 CTCAAGTATC GTATTTTAGA AACCCGTGGC ATGGCTGGTG AGGAGCGGTC
405101 AGCCTCGTCA AGGAGGAAGT CCTATCAGCA GAGATTCACC TTTCGGTTTG
405151 GAATAACATC GTGACATCTT TTTGTACAGT TTTCTTGAGT ATGAAATTG
405201 GCCCAATTAT TCATTGAAGT CCAATTCACA TTCTGGCTTT TCAACTCGTA
405251 CATTTTGTGG AATAGTGAGA CTCATTGCA AGAAGTAACA CACTGTGTTT
405301 CTGGATGACA TTCTCATCTG AATGCAAAGC ACAATGAGCG AAGTTAAGAC
405351 AGTACCGACT TCCTGGCTTC TGCTGCACCT GTGACTGTTG TCGCCTGCAC
405401 CCCAGGGTCC CCCATCCGTG TGCATTTCTT TCCTAGAAGG CTCCCAACAC
405451 CAGTCCCTTT CTGAGGCAAT CCCTAGAACC AAAAACAAAA CTATAGCAAC
405501 AACACAAAAA GCACCTTTGGG AGGCCTGGGT GGGCGGATCA CAAGTTACAG
405551 AGATAGAGAC CACTCTGGCT AACACAGTGA AACCCCGTCT CTACTAAAAA
405601 TAGAAAAAAT TATCCAGGCA TGGTGGCGGG CGCCTGTAGT CCCAGCTACT
405651 CGGAAGGCTG AGGCAGGTGA ATGGCATGAA CCCAGGAGGC GGAGCTTGCA
405701 GTGAGCCGAG ATCGCGCCAC TGCACCTCAG CCTGGGCGAC ACAGCGAGAC
405751 TCCGCTCAA AAAAAAAAAA AAAAAAAAAA ACCTTTTAAT TGGTAATAAA
405801 GAAAAATCAG AATCATTGAG TTGAGCAGTG CTAGCTAAGT GAGTTCTCAC
405851 AGCCTGTAAA TATTTGGATT CTAAAATCAG AAAACTCAGG CATCCATCAG
405901 ACAACAGTTC TGTGAGAATT GGCTTTTGTC ATGGTTACAC ATAATGCCAA
405951 CTTGTTTTTT TTTTTCTCCT CTGCTTAAA AACAAAGGAG AAAGTTTTTT
406001 AAGTTGGGAG CTCCTTAAAG TGGTTTCAAG TTCTTTCTAC AGGCGGTGAT
406051 GGGAACAGAA CTCCTGTTAT CCTAATTGCC TCTGGATTCT CTGGAATCCT
406101 CTTGGATTAA AGTGACCCGA ATCCGATTTC TTTCTTATTT AGTGCAAAAT
406151 GTAACGTGTA AAGTAGGATT TGAACATAAT TAAGCTAATG CCTAAGACAT
406201 TTATGAAGCT AATCTATTG TCTGTAATAT CCATACTTGC GTTATTTCTG
406251 AGCTTGTTTT TCAGGTATAT GAAGGAGATA ATATCTATCT TAGGATTTAA
406301 TAGGGAAATT AAGGAAAAAT AGACATGTCA GTAACAGTAG GTAATGTTTA
406351 TTGAACAATT GAGATGAGAA AAGTTCTCTT GTCCCCCTGG CAGGGCGTGT
406401 GAGATGGGAG TGGCTCGCTT CTTACAGGCC CCGCTGCTCA GACCTCTAGG
406451 GGAGCATAACA GATGGGCAGG CTGTGGGGTT CTGACCCAC GGTAGTGTCT
406501 AGGGGTGAAT GTTTACAGCT CCTGAACCCC AGTGGGCATG TGTTACAGGG
406551 TACTCTTTCA GTTTAGCTGT CCGTAGGCAG CTTGTGTAAG CCAGCTCAGT
406601 TAGACCTCTT ACTTTGTAC AAGGACAGAG GGCTTTGTGT ATCCAGGTT
406651 CTTGCCCTGG TTTACCGGAA GAATCAGATC ACACGTGGGC TTGGAGAATG
406701 AGTGCAAGGT GTTATTGAGT GGAAGTATCT CTCAGCAGAT GGGGAGGCCA
406751 GAAGGGAGAT GACTTTTCCC TGGAGTTGAG CCACCTGACA GCCCGGCTGT
406801 CCTCCAATTG TTTTGGCAA ACTCTGTGTC ATTCTGGCGA TAGGTGGCCT
406851 GACGGCGCGC GGGTGCCTGT CCGTGCATTC CTCTAGACAT CTGGCTTTCC
406901 AGTGTTCCTC TGCTGATGTG TTTCTCTCAA CGTCCAGCCA CCTCTGTGTC
406951 TGCTGGGTAG GGTCTCGATT TTTGTATAGG CACAGGATAG GGGCGTGGCA
407001 GGTGAGGTG TTTTGGGAA ATGCAACATT TGGGCAGGAA AATAAAAAATG
407051 CCTGTCTCTA CCTAGGTCCC TGGACACAGG CCTGGGGGTG GAGCCCTAGC
407101 CAGGGACCAT GCCCTTCCCC CATTCTGTAT CATTTAAAGG GACCACTCCC
407151 TTCCCTTCCC AGCACTTCCC TTCCATATCA CAATTACTAC ATATCAGACA
407201 AAACATATTC ATGAAAAATAT GTTTAATATA TGCAATTACA TGTGTAATGA
407251 AGTAAGCATT GGCTCATTTA GTAATCTGCA ACCACATGAG GAAACTGAGG
407301 CTTAGAGAGA AAGGATCAGT CTCTGACCA GGCAGGGAGT AGAGTGGCTG
407351 GGATTTCTCT GGAGTCGGTT GGACTCCAAG CTGGGTCTTC TCACTTTGTG
407401 ACTATGGAAA GCAGCTACAG TGATGATGAA CCAGGTGTTT GAGAAATGTT
407451 GCTCAATTCT CCTTAACGTT TTGCTTTTAA TAAATTTTAT CTGAAGTGAC
407501 TTACCCCGCA ATGCAATAGA ATTTTAAAAA TATGAATGTT GAGTTAGAAG
407551 GAATAAGCAG ACTTTGTGTT TGAGCTGCAA TCTTCTGTCC ACGAGCCCAA
407601 TCTTTTTTAA AGTAAAGCAG GTTTCAAACA ACAGGATTTA TTTTTTACGT
407651 TCATTATAGA AAGCCCTCAT TTTTTTAGTC CTTGTCTTCC CTTCCCCCGT
407701 ATACAATTTT CTCCATTTTG GCAGTTTATT TTCTTTTTTG CCTCTCATTT
407751 CAAGGATGCT GTGTGTTAAT TAGAGGCCCC GCGGCTTTGA TTGAGTGGTT
407801 TTTTTTTTTT TTCAGAGGTT TTGTTGGGT GTTGGCATT GTCAATTCATT
407851 CTGATGTTAA TTTTAAAAAT ATCTGTCAGC AAATTAAAGT ACACATTACA
407901 TGCTGATTTT GTTTGTTTGT AATATTATG CTCAGTGGTC ACAGTGTACG
407951 TCTGATGTGG TTTTGAACCT TTCCTTTCTT GAAACATGTG GAAATGTGTA
408001 TGTGGGCCAC CTTATTAAAG AGTCTGCACA GGGGTTTTCT TCTCCAACAT
408051 CTTCAGAGGG AGGTGGCCTT GTCTGATGAC TGGAGGTTAT CATCATCACA
408101 GTTCCCCCAC CCAGAGATGG CAGGGATCTT CAGGTTTATC CAATTTAAAA
408151 GGTATAAAAG TGCCAGAGAA AGGCCACCAA GTCCGGTTAT GCAAGAAAC
408201 ATGACCACGG TAGGTTAGAG AAGAGAGAAA AGAGAAGCAT AGCATGCTAT

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408251 TAGGCATGTA CCAAGAAGTT TCTGTTTCAT ATAAATGATG ATGCAAAAGC
408301 TATTGTGGAC AGTATCTGAG AGGCCCAAAA TACTGAACAG ACTTAAAAGT
408351 AGGGGATATT TTCAAGTACT ATTGCTTACA TCATCATTGT AACATATCGA
408401 AGCATCCACT GAGTAAATTG GATGCTTTCT GAACTTTGAT TAGCCAGCTG
408451 TCATAAGTGT TGGCATTCCT TTGGCTAAAG ACAAGAAAGA GAAATCTAGG
408501 TCGCTTGTGT CTGTGCTTGT ATGTATACTT CGATTTCGCA TACTTTTTTA
408551 GTGACTGAAA CCTGATTTC AATGCAGGATG GAAACTGAAA GACAGGCATA
408601 TTTAAATGTG CAGAGTGTCT TCTACTGTGC TCTGAAGACA AACCCATATCC
408651 ACTTTGCTCA GCAGGAGCAA AGACATCTCT CATGCAGGGT ACAGTGACAT
408701 CTTGCCATCT TCCGCCTGCC CTGCGTCCAT TCCCCTCACC CCCCCGCCCT
408751 CTTTCGGAAT GCGCATTCAA ATGGTGCTGC TTCTGCCTCT TTGCCACCTC
408801 TAGGGTCTGG ATCTGTGACC CAAACTGGTC AGCCGGGTCC TCTGCCTCAC
408851 TGACCATGGC AGTTGATTCA GGAATGCACA TGGTGCCCA GGCTGGAGTA
408901 TCACCTAGAG ACAGTTCAAG GATTTTTTAC AGAACTAAT TGGGGGATGG
408951 AGCTCTTTTG CTGCTGGGTC TCTTATAGGA GGACGGTGTG AGCCTGGAGC
409001 GGCTAGGACA CCTGCAGAA GGTGGCTGGC TGAGGATGAA TTGAGCACAG
409051 AGGAAGGGTG CACTGAGAGC CATCAGCATT GAGCACACCC CTGGATCCAG
409101 CTCTGCCTGA AGCTAGAGCC ATCTCTGACC TGTTAGATAT TGTCGTTCTA
409151 TAGCAGAAAC ACAGTTGGTT CCATTTTCCT ACCATGCATC TACCAAGTTG
409201 GAGTAGGAAG GGACTTTGTC TACTTTTTAT AGACTTCAGT ATGTCTTCTC
409251 CCCAGCTTCT TTACCCAAGG AAAAGAAGAC AGCGTTGGGT AGAAGCGAAT
409301 TGTTTTGAAAT AGAGAGGGAA GGAAATAGGA GCTTTTCTAA GCGAGGCCCTC
409351 TTTCTCTTGG CAGCCAACAA TTCTAACTGG CTTAGAGTCC AATAGTCTCTG
409401 AGCAGTGGTG TCCAATAGAA ATATAATGGG AGACTTATGT ATAATTTTAC
409451 ATTTTCTAGT GGCCCTATTA AAAGACCAA AAGAAATTCA TTTTATTGAT
409501 ATATTTTATT TAGCTCAATA TTCCCAAAAT ATTATCACTT TGAGATGTAG
409551 CCAACATAAA AAGAAGTTAG TGAATAGTT TGTGTCTCTT TTTTTTTTTG
409601 TACTAAATCT CTGAAGTCCA GTGTGTGTGT TGTAACACC GCACATCTTA
409651 AGCCAGGCTA GACGTATTTT AAGTACTCAG TAGCATCTGG CCAGTGGCTG
409701 CTGTGTGGGA CAGCACAGCT CTTGACCAAC GCAGATCTGG AAATGCAGAT
409751 TCACTCCCCA ACGCTAAATT TAGTGCAGGC AAGATCAAGA GGTAGGAAAC
409801 TCAGCCTCAG CCCAGATCCT CCAGGTTCTT CCCACACACT TGGGGTGTGC
409851 ACTGCCTGAC TTCTATTTTA GTCACATC ATTGAAAGGG TTTTGCTCT
409901 TAGGCAAGAC TTTCCCTAAA AATAAACTT GGGGACAACT GAGCTCTTAA
409951 TCTATGGGCT TATTAATTGC TTTAAGTGA GTTTATAAAT CAAGATTTAT
410001 AAAGTGTGGA TCTGACTCAA GTCATTTTTC CACAATGTTG GCTAATCATT
410051 TTCTCTGAA TGTGGAAGG AAGAGGTCAC GACTTGGGTC ATACTTGTGT
410101 CACACTGCAA CCAGCTGAGC AAAAAGAATC CGTGCCACTG AAAATAGGTT
410151 AGGTCTGTTT CTCTAAATG GTTCTTTTAT TATGTAAGTG ACAATTTCTA
410201 AGCAAGATTA TTATTTAATG TCTAAGATTG TGGGAACCTC TCACCTTTGT
410251 GTCCTTTTTG AGTTTCAGTC CTCTCCCTC TTATTATGAT GAATCCAGGC
410301 TCTGTTATTT TTACCCCTA AGTATCTCTT TTTTTTTTTT TTTTGAGATG
410351 GAGTCTCGCT CTGTACCCCA GGCTGGAGTG CAGTGGCGCA ATCTCAGCTC
410401 ACTGCAAGCT CCGCCTCCCA GGTTCACACC ATTCTCCTGC CTCAGCCTCC
410451 CGAGTAGCTG GGAATACAGG CGCCACCAC CACACCTGGC TAATTTTTTG
410501 TATATTTAGT TTCACCGTGT TAGCCAGGAT GTTGTGTATC TCCTGACCTC
410551 ATGATCCACC CCCATCAGCC TCCCAAAGTG CTGGGATTAC AGGCGTGAGC
410601 CACCGCACCC AGCCTTTACC CCATAAGTAT CTCTTAAATA TATCTGTTTC
410651 CACCCAGTTT CATCCCATCC AGTTAGTTTG CGCAGCATCA TTTCTTGCGT
410701 GGACAATTGC AGTAGTCTCA TGACTAGTTC TTAGCATCTG ATCTGCCTGG
410751 ACCCATTCCT CTACCGGAGC CAGAGTGATC TTGCCAAATG TAAGTCTGAT
410801 GTCATTGTTT CCTGGCTTCC TGTGCTCTC AGGATAAAGC CTGGGGACAT
410851 TTACCTGGCC CCTGAGGCC TGCGAGGCTT ACCACTGCTC CCTTTATGCT
410901 CTCCTCACC TCATCCACAC TGGTGGCTTC CCACTTCTCT GTGTGAGGAG
410951 CGAGCTCCTA CAGGGCGTTT GTGCCTGCTC CTCTCACTTC CTGACTGCAC
411001 TGGTCTCCGC CTCCTACCAA GTTAATGCTT ACACGATGTT TAGATCTCAG
411051 ATGCTTGATC ACTTCCCAAG GGAAGCCTTT CCTCACATCC TGGACCTACG
411101 TGCTCCTATT GTATGTTCTC TTAACACAGT TTACCTTTTC CTGTTGTAT
411151 AATACTCACC ACACTAAAA CTCTACATAC TAATGTATGA GGTGTCATCT
411201 CACACCCATT GGGATGGCCA CTCTTAGAAA CACAAGAACA GAAAACAGAA
411251 AATAAGTAGT TGGTGAAGAT GTGGAGAGAT CGAAACGCTT GTGACCTGTC
411301 AATGGAAGTG CAAAATGGTG CAGCTAATAT GGAACACAGC ACGGAGGTGG
411351 CTCAGAAAT TAAAAATAGA ACTACCATAT AATTGGTTTA CCCCCTTCT
411401 GGGTATATAC CAAAAGGAT TGAAAACAGG GCCTCAAAAA GATAATTGCA
411451 CACTCATATT TATAACAGCG TTATTCAAAA CAGGAGGTAG ACACACAATT
411501 CAAATGCCCG TTAGAAGATA CATGGATGAA CAAAATACAA TATATACACA
411551 CAATGGGATG TTATTCACCC TCACAAAAGA AGGAAATCCT GTCACCATTC
411601 TACAACATGG TTAAGATTGA GGACATTATG TAAAGTGAAA TATTCTAACA
411651 TGGTTAATTA AGAATTGAGG ACATTATGCA AAGTGAATAA GCCAGTCACA
411701 AAAGGCAAT ACTCTATGGT TCTGCTTGTA TATAGTGAGT ACTCGTAGAG
411751 ACAGGAAGTG CCATGGCAGT TGCCGGGGCT GGGGGAGGGG AAATGAAGAG

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411801 CTGCTGTTTA ATAGACAGAG TTGCAGTTTT GCCACATGAA AACGTTTTAG
411851 AGAGCCGTTG CACAACAGTG TGAATTCGGT TAACCATACT GAACCTTCCT
411901 TAAAAATGGCT AAGATAGTAA ATCTTAAGTT TTTATCACAA TTTTAAAAAT
411951 GTACGTTTGT GTGATTTACT GATTCATATC AGCTTCTCTC TGTAAACTGG
412001 AAGCTCTGTG AGTGAAGTGA ATATTCTCAA ATATATCCTT AGTACCTAGT
412051 ACCCATCTTT TTTTGGTATT CAGTAAATAT TTAAATGAAG GAATTCATAA
412101 CATTGAACAA CCTCTCGTGT ACAATTGGGT GGGTCTGTAG TTGGCTCTGT
412151 GCAGTTAGTG CCTGGTATCT GTTTGCTGCA TTAACACAAA CAGATGCCAA
412201 GTATTTACAGC ATTTATACAA TTATAATTGT ATAAATTACA CACAGGATCT
412251 GCACCTAAGA AGTGATTAAT AGATTAATGA ATTTAGCATT TTTCTTAAGA
412301 GAAGTGTGTG CAAAAAGTCA GTACCACAAA CCATATATT TTTTCACCCA
412351 AAGAAATGATA GACACTTCCA TTTAAATTT CAGCCCACT GTTTTAGCCA
412401 CATAGGTGAT GTCGTGGCA TGATATTCAT TGATATTGGC GTTTGGAAC
412451 AGTTAATAGT CACACTTAAT TACTTCATGG AAAATGTTTG TTTTGGAGAT
412501 GATATTAAG GAGAGGCATA AATGAAATTA AGATGGGTAT TTTTGAGCAC
412551 CTAATTCAG GAACTACTAC GCTAATCATT CTCCGATAGT TTTATGATAA
412601 GAGATTAAAA CTGAGGAAGA CAGTGGGCCA CAGATGGCAC TAGCAGAAAGT
412651 TTATGTACCC TAAACCAACA CATGGTTGGG CAGCATTTGC ATTATGATGT
412701 TCAAGGGACT GCCATTTCCA AAGTCATAAA TATAAGCGTG TAGTTGGAGA
412751 CAGGTTTGG TTGAGAAAAA TGTGACCAT AGATAGCAGC CAGCCTCCAA
412801 TAAATCTGGG ATGATTTTAC GGAAGAAATA GAACCTCTCT GGGGCATTGT
412851 TCCTCAGCAG ATCAGGGGGT GGGTGCTCCA AGGCCCGCTG CCTTGAAGA
412901 GGCTGAAAGT GAAGGGTGA TCTGGCCCTG CCAGCTCAGT TGAGGCGTAG
412951 GATTTTCAGTG GCAAGTAAAG CTGTATTACA AGAGAAGAAA AGTTTAGGAT
413001 TTGGAAGTC TATCCCCAGC ACAGCATCTT AATTAAAGGA AAGAGTAAGG
413051 AAAAGCAGAG AGTAAAGTGG CTGTGAGTGC AGTAAAGAAG CAGAACTGGG
413101 GAAAGGAGAG CGAGGGAGGA AACAGTGATT GATAACGGGA GGACGAGGAG
413151 CCTGACTGTG ATGGGGGAGG CCAGGTGGAG CCATGAAACC TGAAGGAGA
413201 AGCTTTAAAA ATTTACCAGC AGGAAATTAC AGGCCGTGTG AGAACTTTA
413251 CTACGTATGG CATCAAAACA GAGTAAGACT GACCATGAAA AAAGATCCTT
413301 TAACATAGTA ACTCGGAATT TTGCCTTTT ATGATTAATG TGGGAAAAGT
413351 AATTCTTAGA AATAAAAGGA AATGGAGGGA ATATCAACAT ATGAATTTTA
413401 TTTTGTGCTC TTTTCTGAA TGCTAAATCG TTTAAATGA ATCCTTAATA
413451 AGAAAAAGGA ATAAGCCTTT GTCTGGAATG TAAAGAAAGA AAGAAATTTT
413501 CCACATTTCA AATAGAATTA AATATTGCAT TGGGGCATTG TAATAGTTT
413551 CTATAATATA AACTAATTGA TTCTAAGTGA GATTTTAAAA TCTAAGATGA
413601 GCATGATTTT GGAAATAGC TCATTATTGC TGAATTTGTT TCGAACAGGA
413651 AATATAAAAT CAAGAAGCAA CTTTAAATAA TTAACAAACT TGTCTACTTG
413701 GGGATTTATT TTTATTTAAA AAAAAAACT AATCCTTTT TCCCTCAAT
413751 GTTTTCAGTG GTTCAAACTT AGTGAATAA ACCTAATGAA GTAATATTCT
413801 CATACATGAT ATGAAAGTAA ATTTGATTCA AGCTTTTATG TAGTTCTTCT
413851 GACATAGTGC ATCTTAGTGA CAGATTGCCA CCTACCAGAT GCCATTTTAG
413901 GCCACTTTCT CCCCCAAAA CTTTTTTTAA AAAAGGAAAG TAATTCTCTT
413951 TATTTCTCAG TATCACTATG CTAGAGTTAG GAGTTGTCCA GAAAGTTACA
414001 GTTTGGGTCC AGATGGTCTA CAGAGCTCAC CTCTTTGTTT TTAATAATTC
414051 GATAGGGTGA AATGAGCTTC CAACACTTAA AGCTCCAATC ATGGAACATC
414101 TGAATCATAA AGCGATGTTT GAAGCTGTAT TTTTGTGAC TTCTCCATGT
414151 TGTTTTACTT TGTTCATTG AGTTGTTTAT ATTCATTTCG GTTGATGTC
414201 TCTTGCTTTC TTTAAGTTAG TTCTTAGTTG TCTTTCCTTT TGATGTCCTT
414251 GGCACCGACC TGGTCTCTCC CCGACCCCA CAATTCCTGT TCCAGTTCAG
414301 TAGTAGTTAC TTAAGGGTGT CTCCTCCCAT GTTCCTTGA GCAAGTGCCT
414351 TTCTAAACTT TCATACTAGC CATGTGGCAT AAGTGTCTGT TTAGTTTATC
414401 TTTCCCAATT TTTGCCTAGA GACTCTCTT AAGCTGTTTA CTGCCAAAAT
414451 CACCATTGCA GTTAATTCTA AAGCCATTGT ATAAGCCCCC AAGCCCTTCA
414501 GACATGTCAA GGAAAGTAGC TGTGTTTATT AAGGACAATA CTAGTGCTT
414551 TCAATTGCTG ACAAAGGGA CATGCTGCAT TTCCAGCGAC TTCCTAACAG
414601 TGTACCTGT GTATACAGAG AACCCTCAA GACCTGATAT GTGTATGTCA
414651 GACTCAGAAG ATTGCCCAAG AAAATAACTA GTTTGCTAAA TGGATTGTAA
414701 ACAAATGTT ATCAGTTTAA CCCCTCACTT CCACTCAGCT CTAGAGAAGA
414751 ATGGGGGTTT ACTTACGCC TTTAGATGAG AAACCTTTTG AGGACAGCAT
414801 GTTCTGTAGC GTGAAGAAGA CAACCTGGGA AGTGTCTAAG GAATGGAAGA
414851 CAAGAAGGAG GGGAGGGCCA GAAGAGAAAC CACAGGAGCC CCCTTCTCAG
414901 TCACCGCCAG TTAGGCTCCT TCAGACAACC CTGTGACTTG CTTTATAAG
414951 TATGTCGAAA CAAATGAACC TAGATCATTT TGAGTAATTC CATGTATCC
415001 ACACACATTG GCCTCCAGT GTTACAGGAA AGAGGTCCCG ATCCAGACCC
415051 AAGAGAGGGT TCTTGGATCT TGCACAAGAA AGAATTCAGG GCGAGTCCAT
415101 AGAGTAAAGT GAAAGCAAGT TTTTAAAGAA AGTAGAGGAA TAAAGAATG
415151 ACTATTCAT AGGCAGAGCT GGTGGGAGTG TAGCAGTGAG AATGAACAGA
415201 GGTGTCACCT GTCACCATCT TGTTTGGTG GGTTTGGCT GGCTTCTTTA
415251 TTGCAACCTG TTTTATCAGC AAGGTCTTTA TGACCTGTAT TTTGTGCCAA
415301 CCTTGATCT CATCCTGTGA CTTAGAATGC CTTAATTGTC TGGGAATGCA

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415351 AGCCAGTAG GTCTCAGCTT CATTTTACCC AGCCCTATT CAAGATGGAG
415401 TTGCTGTGGT TCAAAACGCT CTGACAACCA GTACCTCAGG CTCTCAACTC
415451 TCTGAAGCAC AGTTCCTGCC TCCCATCGC CCCAGCACCT TCCACTCACT
415501 CTGTCTCCAC TCACGTCCAT CACCCTTCC CCAGGCACAG GAGCTTAAAA
415551 CCATCAGCTG CCTTCCCACT CTCTCTCCCT CATCCCTCAC ATCCAGAGCA
415601 GGGTCATGAG TGTTCACTCC TGCAGCTGTG TCGTTTGTGT GTCCCAGCAT
415651 TTATAGCATT CTACCAACCG TCTCCTTGCA GATCACCATG CGATTTGCTC
415701 CCAGAGGGCA CAAGCCATGT GCACACATAC TTGGTCTATG GGGCATGTGG
415751 ACGGGGCAGG AGAGCAGAGG GCATTTGGCT CTGAGGACAA GAATTTAAGT
415801 CAACTCAAAG AATCAGGACT TTGTGTATCT TCTTTTGTG TGGTTTATTC
415851 CCACAAAAGC GTATCTTAAA CTCTCATCTT CTGCTAGTGA CTCTTTTGA
415901 GAAATGCTTT ATCGAGCAC TGGGACAATA TCTCCAGTGG TGCTACTAAT
415951 TGAAGGTGGC TACTGAGAGG GACAGCAGGA GGCTCTCTTG GCCACTGGCC
416001 TTGACCTTAG AAGTTCAGGG CTGTAACCTA AACATGCTAA ACTTTATTAA
416051 ATATGCCAGC CAGGATCTTT GGTACAATG AAGGAAAAA ATGGACGTTA
416101 CTTAATAAAC AGAAAAAGAA TGCATAGACA GTTATCATGC AATCCATAGA
416151 ATATATGAAA AAGCCGAAGA ACCAGGCTGA GAAAGCTGGT AGAAGCCAAG
416201 GAGGCTACTT CGGACCACCT GATCAAGACC CAACCTTAGC ACTGCCACCA
416251 CTGGATGTGC ACCTCTGCTG GCGATGGATT CTGGACTCCA CCTCCAAGT
416301 AATCTTTGAG GTGGCCAGTG CTGGCAGGCG CATCTGATGG ACAAGCCCAG
416351 GTCTCCCACT GTGCACCAGC TGTTTCCTTT CTGCAGTGGT TCTTCAAGCA
416401 GATTTATGCA AACAGCCCCA AATGTGTTTT AGGACAGTCC TGGCGATACC
416451 CACATTCTCC TGCAATAAAT AGGAGGAAAA TGTCTTTTTT ATTTGGCTTC
416501 CATAGGGGAA AGAGTTAGGA GGAAAAATCCT AGACTTTTTT TTGAATATCT
416551 TCTCCAGTGA AGAAGACATA TTTGCCTAAC TCAATCGATA ATTGATTAA
416601 TTTAAGAAAT TAACTTTTTT TGAAAAATCA GTAATGCACA CAGACAAAAG
416651 AAGAGTTTTT CCCGTGAGAA AAATAAGGCA GACCTGAGT TGATACACTT
416701 TAAAAAGGTA GGTGGTGAAG AAGAGGTGGC CTCCTAGACA AAGCCACAGC
416751 GGCCTAGGCC TGTCCATGGA GTGGCCTGTC CATGGGGTAC TGTTTGGGC
416801 ACAGTGACAG CAAGGAATAA TCAGTTATCA GATAATCCTA AGATCAGAAA
416851 TTGACTACAT GTAATCATAC ATAATTCGTC AGTGTCTAAA GCAATTTGAA
416901 TAACAATTTT CCTTTCCCTC ACGCTTCCAA GAAAAATCCAG CGGCTAATCC
416951 ATAGATGGCT ATCTCTTGGC AAATTTTGCT TTTTGTGAAG TAGCCACATG
417001 TCCCATCAGA TTA AAAAGTG TAATTTCTTT GTTTTCACAG GATACTGTCC
417051 AGTCAGGAAC AACAAAAAAA AAAAAAAGG AGGAAGAGGG GAAAAATGTG
417101 ATTAGTATTA TGTCAATTTT TTAATGAAG CACTGGTAGT TTCACACTTA
417151 AGTAAATCAG TTATTACAAG CAAGGAAAGT TGCTCTCCAG CCATAATCCT
417201 GACAGGCCTC AGGGGTATTG AAAGGTTCCA GATGACTTTT GTTTTTCGAG
417251 CAGAATTTAG GCATTGTGAA CTTCTTTCTA GAACACAGGT CAGTTCATAT
417301 AAATCTGCTG GAAGAACCCT TACAATAAGG AAATGGTATT GATAAGCTAC
417351 CATTTTTCCTA TTCCAGGAG CTACTATTTA TTGTTACAAG TTACGTTCCC
417401 CTAAATGAAA AAGGCAACCT CACCTATCCC TTCATGCCCC CAAAGCTATT
417451 CAGCATAAGT TAATCTTTTC AACAGAAGCA GCCAACTTTT CTAGCAAAGG
417501 AATTTGCACT CTTTGTGGTT TGGGTAAAAA GGTGGCTCAT TTTACCAGTT
417551 TCTTGATGAA ATATGTTTCA TGATAAATTC AATCTTTCTT CAGAAAAATT
417601 CCCCAAATCT ACTTTTCTGT GCAAAATTC AATGAAAGC CTTTCTCTGT
417651 TGAAGCAGCC AAAGATTGAG TTTGTGTAGA CCTGGGCAAA CAGTTTCAGG
417701 TCCAAGGTTA AGGATATTTA TTGCTGGAGG TATTACATGT ATTCGTATCC
417751 AGGAAGAACA AAATTCACCA CCTTGACACT GGTTCCTAAA TATATTAATT
417801 TACTTTCTTT TGTTTGGGGG GCATTTTTTT TTCTCCCTGC CCTCCTTTTA
417851 ATCCTTTTCC AACTTTGGTA GAATGTGGAA GGATTTTTC CAGGGGTAAC
417901 TAGCAAAAGT ATACAATGTG TTAATACACA GGAGATCTGC TGGTTTCTTG
417951 CACAGACTTC AGAGAAAGCT GCTTGCACTC TGACTTTGGC ATAACATGCA
418001 GGAATTCCT CATTTGCTG CCCAATGCAA TAAACAGACC TCCTGCATCT
418051 AACCACATCC ATGCTGAAGT TTCTCATGTG GGGTTGCTTT TGCTTTTCTT
418101 GTAAAAGTTA AGGGTCCCAG CATTCCCATT CCACACTTTC TTTAGCTCCT
418151 TGGCTTTGGA ATTTGTGTAG GACTGTGCTT GAGAGTTAAT AGGACTGTGT
418201 GCTTTATTTT TTAATGTTCG TTATGTATAC AAAAAGGATA GACTAGGTAA
418251 ACGTGTCTCT CATGGAGAGA GAGAGAGAGA AAGAGAGAGA GAGAGAGAAA
418301 GAGAGAGAGA GAATAGATGC TCTTGATATA CCTTACAGCT TGATAAGAAA
418351 GCCAGAAGTC ACCATTTGCC TGTGGGTACT CTTTAGGGAC ATGTGCTGCT
418401 CTATTCACTG CAGGTGTTTC CCTCAGTAAC CCCTGCTACT CAAAGTGTGG
418451 TCCCAAGGC AGCAACATCA GCCTCATCAG AGGGCTTGTG GAAATGCTGA
418501 GTCTCAGGCC CCAGCCGAGA ACTACTGGAC TAGAGTCTAC ATTTTAACTA
418551 AGCCCCAGGT AATTCAAAGA ACCTAAAAGG CAGAGAGGTC CTGGGTGATA
418601 CGCCATGCCA CCAGAGTGCC TGAGTCCATT TCAGTAAGGA CGCCATGGGA
418651 GGGTGTGAGG GGAAGCAGG CTGACCACTG GGGCAAGAG AAAAAAGAGC
418701 CTGGAAAGGAC TCGCCTGAGT TCAATTATGC TCATTAATTC AATTTGAGGC
418751 AGGAATGTGT GTAAATAAAC GCTGGCAGCT GCAGCGGCTC TGTTTCCCGC
418801 AGGGCTCAGG CAGGAATGCA GGGGCCATTG GACGTAAAAA CCTGACTCGG
418851 CATTGGGTGG ATGTTTCTGC AACCACGAGA TAATGACGGA AAAGATGGTA

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418901 TTATCATTAT CGTATTAGGA AAGTCTTAAT GCAGAGTTAA GTGCCAAACC
418951 AAGTGAAGCT GGAGAGGCTG TGTTAGCATA GATAAAATCT TCATTATTG
419001 AAAAGATTAA GCTTACTTGA CTGCTCCCTC TTCTATTTTT TAAGTCAATA
419051 CAGATCGGAT TTCCAGGGGG TTACAATGAG TAGGACAGCG CCATGGTCAG
419101 ACGCAGCCTG TCAGTGTTTC CAAGTAAATA ACCTGTTCCG ATCCACTTTT
419151 TCTCATACAA AAAAGACTAA GTTCGTGAGA AACAGGAAAG AGAAAATTGA
419201 ATTATGTAGG TTAAGAACAA CTCCATTGTA CCATAAACCT GTGATATGTT
419251 TATTGTTTAA TTTTGGCTC ACAGTGTGTT CATTCAATTGT TTTGAGGGCT
419301 AGGCAGTGAT CACCAGTTAG CCAGTTAATG TTTGTTAAAC CCCATGCGGC
419351 ATGCTGGGCA AAGACACTTG CTCACCTAAC CATTGGAAGA TGGCTCTTGT
419401 TTGCTACTGT ATTTTGTAGAA GCTCATTGAA TATTATGAAT TCTAAAGAGA
419451 TGCTGTGTTT GCAGCTTAAA AATTAGCCAC AAATCCCAAG CGTCTACTCA
419501 CTGATGGAGG GGCCTATAA ATGAAGAGAG TTGTGTTCTT CTTAAACTGG
419551 GCATGTTGTC CTTAAAGCCC CTGTGCCTGA GATGATGATG ATGATGATGA
419601 TGATGATGAT GATGATGATG ATGATGATGA TGGTGATGGT GATGATGGTG
419651 ATGGTGATGA TGATGGCAGC AGCTACCCAC AAGCTGGGCA CTTTATTCAA
419701 GCTATATATA TTTAATTCAC ACTGTACCTA TTCTCTATGA GAAACCGAAA
419751 CCAAGTCCCTA GTGAAGTTAA CAGCCCTGCT CAAGATCACA CAGCCAGGAG
419801 TGGGGCTGGG CTCTGACCTC AGGCTGTCTC CAGGGCTTCT AACAGCAGCC
419851 ATTCACCCCTC AGCTCCCTCG CTGTCTCACT CTCTAGCTCT CCCTCTCCAG
419901 TGTGTGGCAT GCTTCTCTG CACTCTCAGA GCTCGCTGCA TACTCTTATG
419951 AAAAAATACA AATTAGCTGG GCGTGGTGGT GGGTGCCTGT AATTCCAGTA
420001 CTCAGGAGGC TGAGGCAGGA GAATTGCTTG AACCAGGAG GCGGAGGTTG
420051 CACTGAACCTG AAATTGCACC TTGCACTCCA GCCTGGGCAA CAAGAGTGAA
420101 ACTCCATCTC AAAAAAGGA AAAAAAGGAG AAAATACTTG TGTTATGATT
420151 ACAAACTGGG GTGTGTGCAA GTCTCTCACC CACTGGACTG TCAGGAGTTT
420201 TAGAGACGGG ACTGGCATGG AATAAGCCCT AGGTTACAG CAATTCCCTC
420251 CTCCTTCATG CCGACAGGCC CGTGCTTCA CTCCTGTGCC TTGCACTGGT
420301 CCTGTGGGAT GACTAGAGAG ACAGTCTGGC ATTGCCAAACA TGTAGTGGAC
420351 ATCTGGGGAA GAGTGGAGAA CGCTTGTCCT CTGGCTTCTC CCAGCTTCTT
420401 GTCACAGCCA GAGAAAGACC TCCCCTATCA GCCACTGCAG GTAAAACCAG
420451 AGAAAACCTC ACCACCTCCC AGTCTGCTGC ACTGCCTGAA GCATGTGTGG
420501 ATGTTGATGT GGCCTGCGTG TGCAAGTCAG GGTGCATGCAG GAAAACCTTG
420551 CAAGTTCCTG AGACCTTGAG CGACCTTCTT GGTGGAGACA CTGCTTTTAC
420601 CTTAGGAGAG GTGATTTAAA ATCTGGCTGA GAATGACAG AAGCAGAGCA
420651 AGGAGTATGG GTCTCTGGTT ATTTTATCCC TTTTGTGCAC ATGGCCTTTT
420701 CCCTTTAGGA GAAATGGAGT TCAGGGGGCC AGAAAGATGA GAAATGGGGT
420751 TCTTCAGACT TACCTGTCTA GGCCACCCCT AGTGTTACTC CCTTGATACC
420801 ACATGGTGGG AGAATGGTTA ATGGAAGGAC AGTGGGGCCT TTCCTCCTG
420851 CCTCTGAAAC CTCCACCTTT GGGAGGGTCA GTGGCCCTTA GCAAACCAGG
420901 ACAAGTTGGA GTTACATGGG TCTCTGTTC CTCTCCATC ACAGCAGCTT
420951 TGGAAGGAT TCAACAAGTT TATGTCAGTC CTTGGGGATT GGGGATGATG
421001 GCTGCACAGT GTTGGAGGAA GGAAATCATG TCGGGACCTC ATTCCCTGCC
421051 ACTCACCACT CACACGCCCT ACTCCCAAGT ATTCAGGGC CAATTGTTT
421101 GTGGATAAAG CAGATCCCCC GCTTCTGCTC CCACTTCTCG CGGGTGCCTT
421151 CTAGCTTCCT TTGCTCATTG GCAGGCTCTT AGAAGGCAGG CTGCAGAAGG
421201 AGGCAAGAGA TCACTCCAAA ATCAGAAAGT CTTTGGCTGG CACTTCCCAG
421251 CAGCTTCCTT GGGGAAGATAG AGGATGTTGT GATCGCCTGG TCTGGGACAG
421301 TGATGAGCTT TCTCCCTCCT GATCCTCTGT CAGATGCAGG CAGTCCCCGC
421351 TGCTCTGAGC TCTTCAACTG TTACTCTAAC CTTGGCCTGA GACTCTCCTA
421401 AGCATGCTTT GAAAAGTAAA ATTCTGTGAGA ATGGGGCCCA AACATGAGAG
421451 CACCTGGGTG AACAGAGTTT GATTTCATTG CCCCTGCGGC TTCTCCTGCC
421501 CCACTCAGGC ACTTGCCCTC CTCCCACGAG CCATCCCAGA TCCCTGGGGC
421551 CCTTCTGCAT CACCTCTGAC GAGTCCACTC TTGTCCCCTC TCCTGGCCTC
421601 TGCCGACTGT TGACTCTGCA GGAACACAG GAACTCTCTA CAGAGATGTA
421651 AGGGGCTTGA TGCTGTGCCC TTGCCTGCAT GGCCTTCTCT TACTTTGTG
421701 GCAGGGCCCA CTATCCTGAG CTGGCCTCCA TGTCTGGTC TGCCAGGGC
421751 TCGCTTCCTC TCTCCAGCCT GAGAGTCACT CTCCTTTCTC CGCTTGCTTT
421801 TTTTTTTTTT TTTTTTTTTT TGAGGTGGAG TCTTGCTCTT GTCACCCAGG
421851 CTGGAGTGCA GTGGTGCGAT CTTAGCTCAC TGCAACCTCC GCCTCCTGGG
421901 TTCAAGCAAT TCTCTTGCCT CAGTACCCCA AGTAGCTGGG ACTACAGGTG
421951 CCCACCAGCA TGCTGGCTA ATTTTGTGAT CATTAGTAGA GATGGCGTTT
422001 CACCATGTTG GCCAGGCTGG TCTCGAATC CTGACCTCAG GTGATCCATC
422051 TGCCCTCGGC TCCCAAAGTG CTGGGATTAC AGGCATGAGC CACCGCACCA
422101 AGCCCGCTTG CTCTTTTCT CTAATGTCTC TTTTCTGAC CCTGGCCCTC
422151 TCTCTTCTT TTGGGGTGGC TGGCATGCTT CTCACAGAGG CCATCGTAAA
422201 GGCTGGGGAG GAGGGCTGGA GCCTGCTGGG GTAATAGTGC CTGTCTGCCC
422251 CAGCTCATCT GCAGAGCCCC CGGGGTGGC GACTGCAGCA GTCTCAGCAC
422301 ATCAGTCCC AACCAGAGAA ATGTCAGTGT CCTGTGTTT TTCATTATGC
422351 TATTTTCTTC CTATTTATTC TATGGTCTTG TTTCTCTTAG AATTAACAA
422401 TCAGAAACTG ATATGAGGGG AATTCATCA GAGCAGGGTA TTTGTGGAGC

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422451 CAGGGCATT CTCTCTTTG ACACAGCCAC ATGGCTTGT TTCATGCATT
422501 ACTCCTTAAT AATGTGTTT TTTATCTAGA CTCACACGAT TCTCTCTGC
422551 CCTGGGTAA CCACTATTAA CCGTTAATA CCAGGATCCC TAGTGAAGGA
422601 AGGGATTTTT CAAAGAAAAG CAAAGGGAAT TGCAGGTTT AAATTCTAGA
422651 GAGAATTTTC GTGGGGGTGA GAATACACCC TACTGAAGA GAATGTGGGA
422701 AAATAACTGA GAGTGCTCT CAAGAGGCAG ATGTTGTACT TCTGCTGATG
422751 CTCCACTGTA TTCAAGCTGC ATTTTGTTCG AAAGAAGCTT TTCCTCCAAG
422801 AATATTACAG TAGTTAGTTC TGAAATTGAC AAGCAATGTT ATATCACGTC
422851 TTGGATAAAG TATATATATT TATGTATCTG TAACTAATGA ATACTGACAT
422901 TAAGCTTTCC AAATTACTTA ATAGGACACC TGTCCTTCCC AAAAGAAAAG
422951 TTGGAATGTC GGGGTGGTGA TGGTGAATA GCGTATTTGT TGCTGGGATG
423001 AGGTCAATAA GCTAACTTAA CTCTTGTCT GAAAGAGTCT CAGTGTGGAA
423051 ACGGTGGCAC TTGCCCTGGC TGGGTTTGAC TGTGTGAGTT TTGTGTTTTG
423101 TAATTAGAAG GGAGGTGTGC CTCTGCTTTA TGGACAATGC CTGGCAAATG
423151 CTGCCCTCCC TATTTTGTG GCATCTGCAA GTGTGGTATG CATCTTGTA
423201 ACAGGTCACT AATCCAGGC TAGGGGCTGG AAGGCAGCTA TAATCTCGCT
423251 CACGTGGTTT CACCGCTCC ATGTGCGCTG GATGCCGACA GCACGAGGGG
423301 AAGCCTCTGA GAGCGCGGCT TCGTGGGGCA GAGCATCTCC CAGGCCCACT
423351 CCATGGAAAT CTCTTCCAAG TGGCAGCCCA GAGCCTCTTC GTGCCATCTG
423401 ATAGCTGTTT CATAGCGTAT AGGAAAACAG CTGAGACTCA GGGCCTTCTC
423451 CAGAGGGAGC GCCAGAGATT ACTGCCAGGA GAGTGGGAAA TGGTGAGAAA
423501 AACATGAGGT GGCTTCCACT CTGCAAGCCC TTAGTACTAC ATAGGCTTTA
423551 TTTACATGGT ATTGCTGGTT GCTCATTGTA GGGTCAAATT TATGAAGAAA
423601 GGGGTAATCA GCTCAGGCAC ATTGACAACA GCTGGTCTGC TAGCTGACCC
423651 AGAACACTTT TCCATATACC AGCCAACAAT GCATAATGTC TAAGTAGGCT
423701 CTATAACAT CCATCTCTGT TGAATCATTT GTGTAAAGTT CCAGAGCTTG
423751 CAAAACATAT TTATGGTGTG GGAGGTCAGG AGCGTGGGTA TGCCTGGGTG
423801 GAACAGAGGA TGAGTAAGAA ATGGAAGAGG TGTGAGGAGG CTTCTGCTAA
423851 GTGTCTGGGG TTTTTCAAA TCTAAGTTCT GTCCATGGGT ATTCAATTTG
423901 TGAAAAATGGA AAGTCACTTG AGATGCACAC ATGTGATCTG TGCACCTTAT
423951 GTATGAATAT TCTACTTCTA TAAAAAGTTT AACTAAAGG TATGACATCA
424001 GATCATAAGG AAAAACTTCC TTCCTCAGTC CAACTCTTTT TTTTAAAAAG
424051 ACAGAGTTTT GCTGTGTTG CCCAGACTGA AGTGCAGTGG CGCGATCTTG
424101 GCTCACTGAA ACCTCTGCCT CCTGGGTTCA AGCGATTCTC TTGCCTCAGC
424151 CTCTCAAGTA GCTGGGATTA CAGGCGTCGG CCACCATGCC CGGCTAATTT
424201 TTGTGTTTTT AGTAGAGACG GGTTCACCA TCTTGGCCAG GCTGGTCTTG
424251 AGCTCCTGAC TTCGTGATCT TCCGCGCTCG GCCTCCCAA GTGTGGGGAT
424301 TACAGGCGTG AGCCACAGCG CCAGGCCCCCT CAGTCCAAT TTTATTATTA
424351 ATAAATTCAG ACAAGAGAGG AAAGGAAGAC AACAAATGTT AATACTATGT
424401 GTCTTCTACA TGCAGGCCCT GAGCCAGGTG CTTTCTTTAC ATCCACCCTG
424451 TGAGCCATTT AGCTTTTAAT CACTTCTTAT TAAGTTTGA TTTGTCTATT
424501 GAGGATTTCC AGTTTGTGTT TGTTTTTTTT TAGTTTGATT CTTTTAACAG
424551 ACCAATGATC ATATCAATAT GTTTTGAAT CTCAATGGAA TACTTTTGAA
424601 TAAATGCTTC TGTGGGCTGC TTATCCAATG AATAATCTAG AAATTCATTT
424651 CAACACACTA ACATGGATAT CACCACCATT TGAGTGACTT TTGAGGTCGT
424701 GGAAGTTGAT GGCACGCCC ATGGAGAGTA GGAAGGAGG CAGAAAGGAA
424751 AGAACCCAGA CCCCCCCCCC GCCCCACCC CAGAGAACAC TGGCATTTGC
424801 AGGACGAATA AACAGCCTTC TGCTTAACAA GGGTAGCACA GCACAGGCCA
424851 GCTAGACAGA GGTTCATGAT CGCTCTGTAA GGATGCTTGG ATAATTCAT
424901 CTGTGTTTCA CTTTATAAAA GTGAAATAGC TTTGGGCTGT TGTGAAATTC
424951 TCTGTCTGAA ATTTTAGGTT AGGACCCAAA CAATAACCTG ATGTGAATTT
425001 AGTAGCACTG CACTTGCTCT CTTTAAACAA CTTTATCTAA AAGATGCCTA
425051 TAAATATTTT GTATAAACT TCCGGAATTG GCTGATAAGG GGAATTTCTT
425101 TTTTCTTCTG CGTCAAGTTC AGAAAAAGCT AAAAGCAAAA AAGGAAGCAA
425151 CCAAATATGG GCAGTATGCA GTAACATAAT AAGTGAGTGA TGTGGCTTGG
425201 AATATACAAT GTGCTCAAAT GTTTTACCGC TGGGTTCAAC CCAGTTAGTA
425251 TATAGAAGTT TGTAGAGTTC AGCCGGGTGT GGTGGCTCAC ACCTGTAATC
425301 CCAGCATTTT GGGAGGCCAA GGTGGGCTAT CACCTGAGGT CAGGAGTTAG
425351 AGACCAGCCT GACCAACATG GAGAAACCCC ATCTCTACTA AAAATTCAAA
425401 ATTAGCCAAG CATGGTGGCG CATGTCTGTA ATTTCCAGCT ACTTGGGAGG
425451 CTGAGGCAGC AGAATCATTT GAACCTGGGA GGCGGAGGTT GCATGAGTC
425501 AAGATCGCAC CATTCGCTC CAGCCTGGGC GACAAGACGG AAATCTTGT
425551 CTCAAGAAAT AAAACTGTAG AGTTTATGGG GTCATTTGTA TAGAAGGAAA
425601 TTTTATTGAA ATCACTAGTT TTTTCTTTT TATGTATGTG AAAATACTAT
425651 TTCTGAAGTT CTCTTCTCTT CGTCACCTAA ATATGGCAAT TTTTCTTAC
425701 AATCTGTCAA CGACTATGCC AAGAAGCAAA CAATGTGAGT TCTACCACAT
425751 AAGAGAACT TCCTTTATAC ATTCTCCACA AAAGATTTCA ATGTTATTTT
425801 GTATACCATC TTCAGACAGT AATTTATTTG TTTTACTATT TTTGCTGTTG
425851 TTGCTTCAGG CCTGATCATT TTCCCATT CTAATAGGA ACCAATTTCC
425901 TGTAAATTGC TATTAATTT GTTTGCTCAT CCTTTGTCAT ATATATATAT
425951 ATATATATAT ATATATAAAA TTTAAATGAT TTTAAAAAT AATATATGGT

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426001 CAAAAATCCT TGTATTGAAA GGATTGAAAA TCCCCTAGGT GAAGGTTTGT
426051 ATTAATACTT TTTGTTTAAA TCACCTTCTT TTTTATCTAT TTCTGAGCTA
426101 TAGAACTCTT GAAGAAATAA TTTCAGTGT CTTAAGAAAA ACTCAGAGAT
426151 GTGGTTTGGT CATAACCCTA TTCACACTTG GCTTGAGGCC CATTTGGTGA
426201 TTAATGCTCT CCTTAAGAAG CATGATTATC TGAGGCTTGG TATAGGTTTT
426251 CAGGCACCTT AGCTCTTTTC CTGTTAGATG TCAGTATCAT GGCTGCATCC
426301 TCCTTCCCCA GTGCATGACC ACTCCTTGAC CTTACCGGTG GTCAGTCTCC
426351 AGCAGCACTT ACCTCCTGCC TATTTGTTC TTCTAGAAAT TCTTGCTGTT
426401 TTTTGCTTCT GAAGCATAAT TCCTTCCTAG CTCCCTTGAC TGTGACTTTG
426451 CCACATTTTC ATTGCTTCAT TCTCCTCCAT GGCCCATTC TTAATGTAA
426501 TTGGTCTGAA GGTTTTTTTT CCTCAGATAC TTTTTTAAAT TTTTAAACAC
426551 TTTTAAACT TTAATAACAA ATTTGGCCGG CGCGGCTGGT TCACGCCCTGT
426601 AATCCCAGCA CTTTGGGAAG CCAACGCAGG CAGATCACGA GGTTAGGAGA
426651 TCGAGACCAT CCTGGCTGAC ATGGTGAAAC CCTGTCTCTA ATAAAAATAC
426701 AAAAAATTAG CCAGSCGTGG TGGCACGTGC CTGTAATCCC AGCTGCTCAG
426751 GAGGCTGAGG TAGGAGAATC ACTTGAACCT GGGAGGTGGA GGTGTCAGTG
426801 AGCCGAGATC GCTCCACTGC CCTCCAGCCT GGGTGACGGC GCGAGACTCT
426851 GTCTCAAAAA AAAGAAAAGA AAAAAAATTT TACCGTCTCT CTGGGTACA
426901 TTATATATAC CAAGGTTTCA ATTCCAGCTG AAAACTAACA GCTTCCAAAT
426951 ATATATCTTT AGCACAACAC TTTATAGTTG CTAACAACCT AGTTTCTTTT
427001 GAAAGTGCAG ACAGATCTTT TTCATCTTTT GTATCTCTTT AAATACCTAA
427051 CAGAACGCCT GGTACACAAA TATTAGATAG AAGAAAAATG TACATCAGTT
427101 AAAAGTTCTT AATTTCTATA TCAATTTTAG AATTGTGTTT TAATGAAATA
427151 TATTGTAATA GAAGATGTAC TGGAGCATG AACGTAGATA TTTCTTCCC
427201 TGATACGTAT TTGTACTTCT GTCTTCATGA CCAGCAGACC AGCCTCACAA
427251 TTAGTCCATT TGTAACTAAA GTCTCTATCA GACAGAAGTG CATACTGGGG
427301 TTTTAGATGA CATTTTACAC AATAATTGTT TTCTTCATT TTTCTGGGACA
427351 GACTGATTTT GAGCATAAGT CTGTGTAGTA GAAATACGAA AATATTTGGG
427401 AATTCCTTTT TCTTTAGTGG GAGCCTTTTA TTGCTAGAAA TGAATATCCC
427451 ATAGAGCTAA AGAAAGACCT ATGAAATTTA GCTTTTAAAA ACAAGCTGT
427501 GTTTAAGTTC TTTGGAAACA GAAGGTATG CTTAAAAATG ACACAGCAGA
427551 TGTTATGAAA TTTGTTTTAA AGCATTACTC TCAGGTTAAG TCATGTTTGC
427601 CAAGTTACAA CCCAGAACAC GTTTTTACAA CTCAGCAGTG CTCTGAAAT
427651 GAGGGTCTGT GATGATAAAA GGGTACTCAT GTTGTGCAGT GGACCACGAG
427701 TGCTCTGTCA AGCTGTGGGT GAGGAAATGA ACCTCACATC ACCTTAGAAG
427751 AGTCGAGCAT CTCTTCCTGA GTTGACTGAG TGAAGCCAAA GTAAAGTTGA
427801 AAATGCAAGC TACATTGTCC CTAAGATTT ACTTTTGT TTATAGATGC
427851 TGTGTGTGTC TCTCACTCAG TTTTGGAGTT ATCTGTGGGT TTTCTTCAAT
427901 GTGTATTTGA TGTTTCTTTA GGGCAAAGTT ACGCCACTCG AAAACGATCG
427951 TGTTGAAAGT TGTCATATT CAGAATGGGA TAGAAATCAG GTTGCTTGT
428001 AGACCTGAGC CTTTTGTTTT GTTTGTTTT GTTTGAGACA CAGTCTCGCT
428051 CTGTCGCCCA GGCTGGAGTG CAATGGTGCG ATCTCGGCTC ACTGCAACCT
428101 CCCCCCCCCA GGTTCAGCA ATTCTCCAC CTCAGCCTCC CAAACAGCTG
428151 GGATTACAGG CACCCACCAT CATGCCCGCC TGATTTTGTG ATTTTGGTA
428201 GAGACGGGGT TTCACCAAGT TGGCCAGGCT GGTCTCGAAC TCCCTGACCT
428251 CAGGTGATCT GCCTACCTTG GCCTCCCAA GTGCTGCGAT TACAGGTGCG
428301 AGCCACTGTG CCCGGCCAGA TCTGAGCCAT TTGATCCCTG CCTTCATCCC
428351 TATTAACCTG TAATTTATCT ATTATTAGG GGGCTCTGTG AGGTGGGTTT
428401 TGAATGATGT TGGAGGGGAT GCGCTATAAT TCCTGCCTCT GCATTTAAGT
428451 GTATGAGTGT TTCACCAAGG ATGTCCAAAC TGTCCTACTT TGGGTAAAGG
428501 AAAAAAGCA GGCACAAACA GATTTTCTTT TGCTGACAC AATTTAAAAA
428551 AATATTGCAA GGTAAATAT TTAACAGAAAT GATTGTACTG GGTGGTAGT
428601 GTGTGCGTGT GTGTGTTTGT CTTGATTTTG AGGCTTCATA ATCTTTTAAA
428651 AAGATGGAGA TGTATGACCT TCAAAGCCTT TTTCTTTTTT TTTTTTTGGA
428701 GATGGAGTCT GGCTCTGTTG CCCAGGCTGG AGTGCAGGGG CGCGATCTTG
428751 GGTCACTGCA AGCTCCACCT CCCATTCTCC TGCTCAGGCC TCCCAGATAA
428801 CTGGGACTAC AGCGCCCGC CACCACACCT GGCTAATCTT TGTACTTTT
428851 TTAGTAGAGG TGAGTTTCA CTGTGTTAGC CAGGATGGTC TTGATCTCCT
428901 GACCTCATGA TCCACCCGCC TCAGCCTCCA AAGTGCTGGG ATTACAGGCG
428951 TGAGCCACTG CGCCTGGCAC CTTTTTCTCA TTTTATTAG TAGGTAGTGT
429001 CAGCTTGGGT TCTTACTGTG CACAGCCTAT CTTGGCACAG GGTGGCATCT
429051 CTTTAGTTAT GAGACATTCA ATTTGGCTTT ATGGGTGGAA TTTACTTGAT
429101 GCCTATGAAA AATAAGTTAA AAGGCAATGG AAACAACAAA TGGAAACATT
429151 TCTCTCTCTC TCTGTCTCTC TGTCTCTCTC TCTCTCTCTC TCTCTCTCTC
429201 TCCACCTGTG TTATGCAGAT GTACTGGGAA TGAAAAATA GTCAAAAGGC
429251 AATGGAAACA ACAAATGGAA ACACCTCTCT CTCTCTCTCT CTCTCCCTCC
429301 TCCTCTCCTT CCCCTTTCTT CCACCTGTGT CATGCAGGTG TACTGGGACA
429351 CAGCATACAG TCGATGCTC TCCTTTGTGC CTGGGAGATG CTCCCTCCAT
429401 CCCCCTCCTC TGCCATAGCC TATTTGATGA CGTCTGTGAC TGTATGGGGC
429451 CACAGTTTGG GTCTCAACTT TGTGTGAAGC ACAGACTTTT TTTTAGTCTG
429501 TTTTTTTTTT TCGCATCAAA ATGAGGACCA AATATTTGAT GACTCCTGAT

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429551 AGAAATATT CTTCAAAGAA TACCCAGGGC TGAAACATT AAAAGTTAGC
429601 ACAAGTGT AAGTGGTTGG TAATATTAGT ATTAGATAGG CTCAGGTTTG
429651 GGACTGTTTC TATCAAACAT AGGACATATC AATCAAATGT TGTGTAGCG
429701 TAAGTCCAGA GAAGATTTTT TTTTCTTTA GAAAATTTTC TTTTTTTAT
429751 TATTATTATA CTTTAAAGTT TTAGGGTACA TGTGCACAAC GTGCAGGTTT
429801 GTTACATATG TATACATGTG CCATATTGGT GTGCTGCACC CATTAACTCG
429851 TCATTTAGCA TTAGGTATAT CTCCTAATGC TATCCCTCCC CCCTCCCCC
429901 ACCCCACAAC AGTCCCCGGA GTGTGATGTT CCCCTTCTGT TGTCCATGTG
429951 TTCTCATTGT TCAATTCCCA CCTATGAGTG AGAACATGCG GTGTTTGGTT
430001 TTTTGTCTT GTGGTAGTTT GCTGAGAATG ATGGTTTCCA GCTTCATCCA
430051 TGTCCCTACA AAGGACATGA ACTCATCATT TTTTATGGCT GCATAGTATT
430101 CCATGGTGTA TATGTGCCAC ATTTTCTTAA TCCAGTCTAT CATTGTGGGA
430151 CATTGGGTT GGTCCAAGT CTTTGCTATT GTGAATAGTG CCACAATAAA
430201 CATACGTGTG CATGTGTCTT TATAGCAGCA TGATTATATA TCCTTTGGGT
430251 ATATACCCAG TAATGGGATT GCTGGGTCAA ATGGTATTTC TAGTTCTAGA
430301 TCCCTGAGGA ATCGCCACAC CAACTTCCAC AATGGTTGAA CTAGTTTACA
430351 GTCCCGCCAA CAGTGTAAAA GTGTTCTTAT TTCTCCACAT CCTCTCCAGC
430401 ACCTGTGTGT TCCTGACTTT TGAATGATCA CCATTCTAAC TGGTGTGAGA
430451 TGGTATCTCA TTGTGGTTTT GATTGCAATT TCTCTGATGG CCAGTGATGA
430501 TGAGCATTTT TTCATGTGTT TTTTGGCTGC ATAAATGTCT TCTTTTGAGA
430551 AGTGTCTGTT CATATCCTTT GCCCACTTTT TGATGGGGTT GTTTGTTCTT
430601 TTCTTGTAAA TTTGTTTGAG TTCATTGTAG ATTCTGGATG AGTATGTTGC
430651 AAAAAGTTTC TCCCATCTG TAGGATGCCCT GTTCACTCTG ATGGTGGTTT
430701 CTTTTGCTGT GCAGAAAGCTC TTTAGTTTAA TTAGATCCCA TTTGTCAACT
430751 TTGGCTTTTG TTACCATGTC TTTTGGTGT TTAGACATGA AGTCTTGCC
430801 CATGCCATATG TCCCGAATGG TATTGCCTAG GTTTTCTTCT AGGGTTTTTA
430851 TGGTTTTAGG TCTAACATGT AAGTCTTTAA TCCATCTTGA ATTAATTTTT
430901 GTATAAGGTG TAAGGAAGGG ATCCAGTTTC AGCTTTCTAC ATATGGCTAG
430951 CCAGTTTTCC CAGCACCATT TATTAAATAG GGAATCCTTT CCCCATTTCT
431001 TCTTTTTGTC AGGTTTATCA AAGATCAGAT AGTTGTAGAT ATGCAGCATT
431051 ATTTCTGAGG GCTCTGTTCT GTTCCATTGA TCTATATTTT TGTTTTGGTA
431101 CCAGTACCAT TGCTGTTTTG GTTACTGTAG CCTGTAGTA TAGTTTGAAG
431151 TCAGGTAGCA TGATGCCTCC AGCTTTGTTC TTTTGGCTTA GGATTGACTT
431201 GGCAATATGG GCTCTTTTTT GGTTCATAT GAACTTTAAA GTAGTTTTTT
431251 CCAATCTGTG GAAGAAAGTC ATTGGTAGCT TGATGGGGAT GGCATTGAAT
431301 CTATAAATTA CCTTGGGCAG TGCGGCCATT TTCATGATAT TGATTCTTCC
431351 TACCCATGAG CATGGAATGT TCTCCATTTC TTGTATCCT CTTTTATTTT
431401 CTTGAGCAGT GGTTTGTAGT TCTCCTTGAA GAGGTCCTTC ACATCCCTTG
431451 TAAGTTGGAT TCCTAGGTAT TTTATCTCT TCGAAGCAAT TGTGAATGGG
431501 AGTTCACTCA TGATTGGCT CTCTGTTTGT CTGTTATTGG TGTATAAGAA
431551 TGCTTGTGAT TTTTGCACAT TGATTTTGTA TCCTGAGACT TTGCTGAAGT
431601 TGCTTATCAG CTTAAGGAGA TTTTGGGCTG AGACAATGGG GTTTTCTAGA
431651 TATACAATCA TGTCATCTGC AAACAGGGAG AATTTGACTT CCTCTTTTCC
431701 TAATTGAATG CCGTTTATTC CCTTCTCTG CCTGATTGCC CTGGCCAGAA
431751 CTTCCAACAC TATGTTGAAT AGGAGTGGTG AGAGAGGGCA TCCCTGTCTT
431801 GTGCCATTTT TCAAAAAGAA TGCTTCCAGT TTTTGTCCAT TCAGTATGAT
431851 ATTGGCTGTG GGTTTGTCTAT AGATAGCTCT TATTATTTTG AGATATGTCC
431901 CATCAATACC TAATTTATTG AGAGTTTTTA GCATGAAGGT TGTGAATTT
431951 TGTCAAAGGC CTTTTCTGCA TCTATTGAGA TAATCATGTG GTTTTGTCT
432001 TTGTTCTGTG TTATATGCTG GATTATGTTA TTGATTTTCG TATGTTGAAC
432051 CAGCCTTGCA TCCCAGGAAT GAAGCCCACT TGATCATGGT GGATAAGCTT
432101 TTTGATGTGT TGCTGGATTC GGTTTGCCAG TATTTTATTG AGGATTTTGT
432151 CATCAATGTT CATCAAGGAT ATTGGTCTAA AATCTCTTT TTTTGTGTGT
432201 TCTCTGCCCG GCTTTGGTAT CAGGATGATG CTGGCCTCAT AAAATGAGTT
432251 AGGGAGGATT CCTCTTTTTT CTATTGATTG GAATAGTTTC AGAAGGAATG
432301 GTACCAGCTC CTCCTTGATC CTCTGGTAGA ATTCGGCTGT GAATCCATCT
432351 GGTCTCGGAC TTTTTTTGGT TGGTAAGCTA TTAATTATTG CCTCAATTTT
432401 AGAGCCTGTT ATTGGTCTAT TCAGAGATTC AACCTATTCC TGGTTTAGTC
432451 TTGGGAGAGG GTATGTATCG AGGAATTTAT CCATTCTTTC TAGATTTTCT
432501 AGTTTATTTG CATAGAGGTG TTTATAGTAT TCTCTGATGG TAGTTTGTAT
432551 TTCTGTGAGA TCGGTGGTGA TATCCCTTTT GTCATTTTTT ATTGCATCCA
432601 TTTGATTCTT CTCTCTCTTC TTTATTAGTC TTGCTAGCGG TCTATCAATT
432651 TTGTTGATCT TTTCAAAAAA CCAGCTCCTG GATTCAATTGA TTTTTTGAAG
432701 GGTTTTGTGT GCTCTATTTT CCTTCAGTTC TGCTCTGATC TTAGTTATTT
432751 CTTGCCTTAT GCTAGCTTTT GAATGTGTTT TCCTTGCTTC TCTAGTTCTT
432801 TTAATTGTAA TGTAGGGTG TCAATTTTAG ATCTTTCCTG CTTTCTCTTG
432851 TGGGCATTTA GTGCTATAAA TTTCCCTCTA CACACTACTT TGAATGTGTC
432901 CCAGAGATTC TGATATGCTC TGTCTTTGTT CTCATTGGTT TCAAAGAACA
432951 TCTTTATTTT TGCCTTCATT TCGTTATGTA CCCAGTAGTC ATTCAGGAGC
433001 AGGTTGTTCA GTTTCCATGT AGTTGAGCGG TTTTCAGTGA GTTTCTTAAT
433051 CCTGAGTTCC AGTTTGATTG CACTGTGGTC TGAGAGACAG TTTGTTATAA

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433101 TTTCTGTTCT TTTACATTG CTGAGGAGTG CTTTACTTCC AACTATGTGG
433151 TCAATTTTGG AATAAGTGTA ATGTGGTGCT GAGAATAACG TATATTCTGT
433201 TGATTTGGGG TGGAGAGTTC TGATAGTGTC TATAGGTCT GCTTGGTGCA
433251 GAGCTGAGTT CAATTCCTGG ATATGCTTGT TAACCTTCTG TCTCGTTGAT
433301 CTGTCTAATG TTGACAGTGG GGTGTTAAAG TCTCCCATTA TTATTGTGTG
433351 GGAGTCTAAG TCTCTTTGTA GTTCTCTAAG GACTTGCTTT ATGAATCTGG
433401 GTGCTCCTGT ATTGGGTGCA TATATATTTA GGATAGTTAG TTCTTCTTGT
433451 TGAATTGATC CCTTTACCAT TATGTAATGG CCTTCTTTGT CTCTTTTGAT
433501 CTTTGTGGT TTAAGTCTG TTTTATCAGA GACTAGGATT GCAACCCCTG
433551 CCTTTTTTTG TTTTCCATTT GCTTGGTAGA TCTTTCTCCA TCCCTTTATT
433601 TTGAGCCTAT GTGTGTCTCT GCACGTGAGA TGGGTTTCCT GAATACAGCA
433651 CACTGATGGG TCTTGACTCT TTATCCAATT TGCCAGTCTG TGCCTTTTAA
433701 TTGGAGCATT TAGCCCATTT ACGTTTAAAG TTAGTATTGT TATGTGTGAA
433751 TTTGATCCTG TCATTATGAT GTTAGCTGGT TATTTTGCTC GTTAGTTGAT
433801 GCAGTTTCTT CCTAGCCTTG ATGGTCTTTA CAGTTTGGCA TGTTTTGGCA
433851 GTGGCTGGTA CTGGTTGTTC CTTTCTATGT TTAGTGCTTC CTTCAGGAGC
433901 TCTTTTAGGG CAGGCCTGGT GTGACAAAAT CTCTCAGCAT TTGCTTGTCT
433951 GTAAAGTATT TTAATTTCTCC TTCACTTACG AAGCTTAGTT TGGCTGGATA
434001 TGAAATCTG GGTGAAAAT TCTTTTCTTT AAGAATGTTG AATATTGGCC
434051 CCCACTCTCT TCTGGCTTGT AGAGTTTCTG CCGAGACATC AGCTGTTAGT
434101 CTGATGGGCT TCCCTTTGTG GGCAACCCGA CCTTTCTCTC TGGCTGCCCT
434151 TAACATTTTT TCCTTCATTT CAACCTTGGT GAATGTGACA ATTATGTGTC
434201 TTGAAGTTGC TCTTCTCAAG GAGTATCTTT GTGGCGTTCT CTGTATTTCC
434251 TGAATTTGAA TGTGGCCCTG CCTTGCTGGA TTTGGGGAAG TTCTCCTGGA
434301 TAATATCCTG CAGAGTGTTC TCCAACCTAG TTCCATTCTC CCGTCACTT
434351 TCAGGTCCAC CAATTAGACA TAGATTTGGT CTTTTCACAT AGTCCCATAT
434401 TTCTTGAGG CTTTGTTCGT TTCTTTTAT TCTTTTCTCT CTAACCTTCT
434451 CTTACAGCTT CATTTCAATC ATTTCATCTT CCATCGCTGA TACCTTTTCC
434501 TCCAGTTGAT TGCATCGGT ACTGAGGCTT GTGCATTCAT CGCGTAGTTC
434551 TTGTGCCGTG GTTTTCAGCT CCATCAGCTC CTTCAAGGAC TTCTCTGCAT
434601 TGATTATTTT AGTTATCCAT TCGTCTAATT TTTTTCAAA GTTTTAACT
434651 TCTTTGCCAT TGGTCAAAC TTCTCTCTTT AGTCGGAGA AGTTTGATCT
434701 TCTGAAGCCT TCCTCTCTCA ACTCGTCAA GTCATTCTCT GTCCAGTTT
434751 GTTCTGTTGC TGGTGAGGAG CTGCATTCTT TTGGAGGTGC TCTGATTTT
434801 AGAGTTTCCA GTTTTCTGCT TCTGTTTTT CCCCATCTT TGGTTTATC
434851 TACCTTTGGT CTTTGATGAT GGTGACCTAC AGATGGGATT TTGGTGTGGA
434901 TGTCTTTTCT ATTTGTTAGT TTTCTTCTA ACAGTCAGGA CCTCAGCTG
434951 CAGGTCTGTT GGAATTTACT GGAGGTCCAC TCCAGACCCT GTTTGCCTAC
435001 GTATCAGCAG CGGTGGCTGC AGAACAGCGG ATACTGGTGA ACTGCTAATG
435051 CTGCTGCTG ATTGTTCTTC TGGAGTTTGT GTCTCAGAGG AGTACCCAGC
435101 CGTGTGAGGT GTCAGTCCGC CCCTACTGGG GGGTGCCTCC AAGTTAGGCT
435151 ACTCGGGGGT CAGGGACCCA CTTGAGGAGG CGGTCTGCCT GTTCTCAGAT
435201 CTCAAGCTGC GTGCTCGGAG AACCACTCCT CTCTCAAAG CTGTCAAGCA
435251 GGGACATTTA AGTCTGCAGA GGTATTGCT GTCTTTTGTG TGTCTGTGCC
435301 CTGCCCCCAG AGGTGGAGCC TACAGAGGCA GGCAGGCCTC CTTGAGCTGT
435351 GGTGGGCTCC ACCCAGTTCC AGCTTCCCAG CTGGCCACCT TGTTTACCTA
435401 CTCAAGCCTG AGCAATGGTG GGCGCCCTC CACCAGCCTC GCTGCCGCTC
435451 TGCAGTTTGA TCTCAGACTA CTGTACTAGC AATGAACGAG GCTCCGTGGG
435501 CATAGAACCC TCCGAGCTAG GTGCCGATA TAATCTCTG GTGTGCCATT
435551 TGTGAAGCCC GTTGGAAAAG CGCAGTATTA GGGTGGGAGT GACCCGATTT
435601 TCCAGGTGCT GTTTGTACCC CCTTCTTTG ACTAGGAAAG GGAATTTCCCT
435651 GACCCCTTGC GCTTCCCGGG TGAGGTTATG CCTTGCCCTG CTTACAGTCA
435701 CGCATGGTGC CCTGCACCCA CTGTCTTGCA CCACTGTGCC GGCACCTCCC
435751 TGTGAGATGA ACCCAGTACC TCAGTTGGAA ATGCAGAAAT CACCCGTCTT
435801 CTGTGTCGCT CACTCTGGGA ACTGTAGACT GGAGCTGTTT CTATTCTGGC
435851 ATGTTGGCTC CACCCCAAGT CCAGAGAAGC TTATTGCTGG CGAGCGTGGA
435901 AACATGCATG CATGGGTTTC TGTCTGAGTG CTGGAGCTCT GTAGAGCAAG
435951 GGCAGCTTGG GATGGCCTGC CAGTATGCCC TGGCAATTCT GTGTTACAGG
436001 TGCTGTCTTT TCTGCTCCTT GTGGTGTGAC ATGCCACAAC TCATTTAACC
436051 CCTGCTCTGG GTATGCTGTA CAAATTGAGA ATATAGAACC TGATTATATCT
436101 AGAGTTTTGC CAGATAATGC ATACGGGTGT CTGGTATACT CTCCTGAAAA
436151 TATACTATGG TTATACAGAG AATTACAATA GCAAGTGACT GGGTACTTCC
436201 TGCAGATGGC AGGGATAATA GAGGCCTCCC AGTGAGGCCA CTATCTCGAC
436251 TGAGATTGAG ATCTGAGTGA GGAGCAGAGC CGGTGGTGTC CGCACCAGGG
436301 GAGGCAAAGC TGAGCGGAGG ACACAGAGCA TGGTGTGTTT TGAGGACAGG
436351 GCCACAGTCA GACAGGCAGG AAGGAAGGGG TTGGTGCAGG GGAGGGTGCA
436401 TGAAGAAGAG CAGAGGGGTG CACGGTAGCC AGACCACGGA GGTCTTTGTA
436451 AAGGACAGAG CAAGAACTT GATTTTCTCT CAGATGGGAT GGAGAGTCTT
436501 TGGAGAGCTT TAATAGGAAA ATGACATGCT CTGATGTCTA TTCCCAAAGC
436551 TCACCCTGCC TCTCTATGGG GAAAAAATAG GTGGTACAGG GGAAAGAGTG
436601 GAGGCAGGGA GTCCAGCTGG GTGATGGGGA CTTGGAGTTG GGAGTCAGGT

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436651 GGACATGAGG CACACAGCTG TGTTGAGGGA TGCTGGGACC TGCCCAGGGA
436701 CTGGAGTAGA AGCTGTCAAC TGAAGAATAA CCAGGATCAG ACATTTGGAA
436751 GAGCTTTATT TCTCATAAAG GGTATAGACC TGCAGGCTGG CCATTCCTCC
436801 TGCTGGGAGG CAGAGCTGAG AGGGAGGGAG GATAAGACAG GAATTTATGC
436851 TGAAATTTCT GGTGGGCTGG AAATACATAT TTAATGAGCT ATAGGAGGAG
436901 TCATGAATAT TTATGAGAGG AGAAACATGT ACAGGCACAA TTGAGTTCCA
436951 TGCCTCTTCA TGGATTACAT GTTCAAAAAA TGGCAGTGT AGCATGATCT
437001 GAGGTGGAGT TTTGAGCCCT CTGACATGAA AAGGTGCAGT GGAGGACACC
437051 AGAACCTCAC TGCATCCTCT GAGAGTCAGC CAAAACGTGT CCCAAGGTGG
437101 TCGTCAGTGT TTACGAAGGG ATGTGTTGTG AGACAGGTGA GCTGTCAGT
437151 GGAAGAAGTG AAGAGGGAGG GGCATCTGGT CGCAGTTTCA GATGATTGGC
437201 TAAGGTGATA AAGGAATGAG TTGTCCATTT CTCATTTTCC AGAGCTGATT
437251 TCTGCTTACT CCTTAGAAAG AGTTTGGCT AAAGGTTAAT AAGGAAGGGG
437301 CACACTGAGG CGTGTTCAC CTTATGTCTG ATGTGGTCAA AAACCTCGTT
437351 TTTAAGGTTT TCCTCAAGGTC TCCTTGCCCA AGAGGGGGTC GTTTCAGTTG
437401 CTTGGGGGCT TAAGATTTTA TTTTATTTT TCAAAGACCT GGGAGAGAGA
437451 AGTGTCCAAG GCACCTGCTA GAGTTTACC TAAGCAAAGG GGTGGGAAGG
437501 TATTAGCGCT GTTGACTAAG ATGGAACACA CGGGAGAAGA GGGGCTTGTG
437551 GAGAAACAC ACCCTCATTC TAGCCACGTC CACTGCGAAT GCAGGTGACA
437601 CATGGAAGCA GCAGGAACAC CCCTGAGCAT CTTGATGGAG TTTGGATCAA
437651 GATGGAAGAA AAGCCCATGC GTTGTCTAAG GCTGCCTCAT CTCAGAAGCC
437701 AATGGGCGGT GTAATTAGTG CTGAAAGGTG GGCTGGGGGA TGACTGCATT
437751 GCTCTAGCAA GGAAGGAGGA GCAGGAGCT GAAGGAGAC AGGTGGAGGA
437801 GGCCAAGCAA CTGGCTAAGC CCATGAGGGC TAAGGGAGGC CTAAATGCG
437851 GGACATTGGA GAGGAAATGT TCTGGAAGCT TCTACAGGCA AACTGCATTG
437901 TACTGGAAGG GGGCGATGAA TAGTGCTGGG TCAAGGGTTT TTAAGTGGAA
437951 TTGAGAATAA GGAAGCAGA AAGGTGTTT GAAGAGGCGA AAAAAGGAAA
438001 ATGGACTGAA CCGAAAGGCG CTTGGGAGTG TTATGGGATT GGAGAACTTT
438051 TCCTAAATAA TTTAGGAGCT CCAGTAGAAT TTATGTTTAT GTGAAAGAAA
438101 AAAAAAAAC CACATGTTAC TTAGAATTGG GAAGTTTGT GCACCCATGT
438151 CTAGGAATTA AATTTTATAT GAATTCATAT ATTATATAT ATATATACAT
438201 AATTTAAATT GTGATTTTTA AGAAGAAATC AAATCAACCA GCAAGGGCAA
438251 AATAAAATTT TTAATTATCT ATTTGTTTTT CCATTATTTT TATACACAAA
438301 TCTTAGAAGC AGGAACAGAG TAGTTTCAA GGCCAGTTTC TGAGACATGC
438351 TTAATAATTG CGCTGATAAC AAAGAACTA CTATGAATGG CTGAGGTTTC
438401 AAAGTTAGAT TAGAGTTTAC TCTAGATCGT ATTTGCTAAG CTAGTAAAGC
438451 CGTGTAGGCT TGTCTAGCC TGTGGCTGG GAAACTATCT CTAAACAGGA
438501 TGTGGTGATT ATTTGTGAAT GATCATTACT CATTCTGACA ACAGATCCTC
438551 ACTGCATGCC CAAGGGGACA TCCCTTTTA AACATGCGTA TAAAGATGAC
438601 TCAAGTACGA ATATCATATG TACAGCGTAT CAATATTAGC TGACCTACCA
438651 AATCTGAAAA TGCTTAAGTA AAGATAATAC ACAATAATCT AGTTATATTA
438701 AGCTATATTC GGGATCCATT AAGTAGCCTC ATAGTTATAG AAAAGGATAA
438751 CAAAAAATTT TTTTGGCAAT CTAGTGGAAT AGGGGTATGG GGTTTAAAAA
438801 GGACAATGAA AAAGTTCACT GAGCAGGAAA GGAATGGAAG ATTGCTCAAC
438851 AGATCTACAG GAAACCATTC CCCCGCCATC ACCTCTGCAT TTCAAAAAGC
438901 AAATGCAATT CCGGTGAGAA GACATTGTCT ACTTCGGAGT GATATGCTTA
438951 TAATCTATCT GTGTGTGTTT TTTAACTCTT ACAGTGAAGC TTCAATTATA
439001 TCTTCTTAAC CCCTTCCCAA AGCCTTGGGA AACACTGGAC ATTTTCTAT
439051 ATAAGCAGAT TGGGTTATTT GTCCAAATGA CGGGTGTGTT TGAAGTAGGA
439101 CATCTAGCTT CTATCCATAG GAAACCCCAT ATCTGGTGGG CAAAGAATAG
439151 AGTATAAATA TTATGTATCT GATATTTACA CTTTGGGCCA TAAGTGTGTTG
439201 AAACAGTTAT ATCTATTCAT GTGAAATTTT TGTTCACATT ATAGCAACAA
439251 CATCAATTTA AAAAAAAGG AACAAAAAAG AATTCGCCAA GACTGTCCAT
439301 TCTGCGTGTG TGTATGCACG TGTGTGTGCA TGTGCAGGCA TTTTGCACCA
439351 TGCTGCAAAA CAGCTCCTCT TCCTACATTT GCCCTTGACT GTTCATCTCC
439401 CAAGACTCAG GTCTTCATTC TCCTCTGCAC GTTCTGTGTC TTTCAACCCG
439451 TCTTATAGTG ACCCCAATTC TATGTGTTCA GCCCAGACCT CTCTTGAAC
439501 CACAGGCCCA CGCTGGTTGA GTGAATTTCC AGTTTTCAGT ACGACATTTT
439551 CTCTTAAATG TCTGTGTTCT TTCGGTCCCT GAAAATCAAC TGTCAAACTA
439601 TTAACGACTT TTATACATCC TCAGCATGCA CACACACACA CACACACACA
439651 CACACACACA CGTAAATGCA CATGGCAGGG GTTGGGGCAC AAAGTAGATA
439701 AAAACTCCTG TCTCGAATCA CTTGAACCTG GGAGGCGGAG GTTGCAGTGA
439751 GCCAAGACCA TGCCGTTGCA CTCTAGCCTG GGCAAGAAGA ACGAAACTCC
439801 GTCTCAAAAA CAAAAACAAA CGAAACAAAA CAAAAAAAT TCCGGTCTCC
439851 TGCCATAGCT CCTGTCTTGG TTTCAGGTTA CTCATACTAG GAACGCAGAG
439901 ACTTATCTCT GACTTTTCTC TCTCCACAG TCTCCATACG CAAACAGCCC
439951 CCAGATATGG CTGCTTTAAC CCGTCCGTTG CATTGGAATC TTCTCTTCC
440001 TTCCTGCTGC CCCTCCACCA CAGACCTGTC TAGGTCTGAC TGCCATGGCT
440051 CTCTTCTTTT CCTTCACCTC AATCTACAT GTCATTCCC ACTAACCCCA
440101 CCTGGTCTCC CATCCTCCAT CCTGTCCCCT CTAAGTCTGT TCTTCATTGG
440151 AATGATCCTT TCAGAACCTG AATCACTCAT GTCATTCAAT CCTCTGTTCA

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440201 GAAACTTGCC GTGGCTTCTG GCCTCATTA GAGAGTAAGT CTAAGTCCTT
440251 GCAATGATCC AGACCACTGT TGATTATCCC TGCCACTGCT GTCCTTGCTC
440301 ATTGCTCTCT GCCACGGTGG TCTCGTTATT CAACGTCCCT GGGTAGATTT
440351 TGTCTTTAGG TTCTGAACTT GCTGTTCCTT TTGCCCTCAG CCTCTCGAG
440401 GGGTCACTCA GATCCTCAGC ACTGCCCTCC TCAGTGGACC GACATCGACA
440451 CCTTACCCTG TTTCCAAGTC ACTTTTCACC TCTGGACACA CTGTGGGATT
440501 TACTTATTTT TTTGGCTTGT TTTCCACAC ACATTACAC AATGTATAAG
440551 CTCTATGAGG CTGCAGTTTT TGTCTGTTCT GCAGTTGATT TCTCAGCTTC
440601 TAACAGGAAG TAAATAAGTA GTTTTAAAGT AAATGAATGT GAATCTTCTG
440651 GGGAGCATTT AAAAAAAGT TGTGTACAA ACTCTGCAGA TTGAGGATCC
440701 CTTATCCACA ATACTGGAA TCACTGGTGT TTCGATTCTT GATTTTTTCA
440751 GATTTTTGAA TATTTGCATT GGACTTACCA GTTGATCATC CCTGGTCTGA
440801 AAACCTGAGA TCCAAAGTGC TCTAGCAAGC GTTTCCTCTG AGCGTCATAG
440851 CACACTCAAA AGTTCTCTGG TTTTGAAGCA TTTTCAGATT CACATTTTTG
440901 GATTCTGTAT GCTCAACCTA TACCTTGGAC CTGTCAAAAT AGAAACCTTG
440951 GGGAGTCTGA TCCAAAGAT GATACTTTTT CAAGGTTCCC CGGTAATCCA
441001 CTGCCCAGCT CAGGCTGAGC GCCATTGCTG CCAGACAGAT TTCCTAAACC
441051 GTGGACATCA TCCCACCTTC ATGCCCTTCG ACATTCTCCG TTTCTCATA
441101 GAATCATGCC CAGACTCAAA GTGACAGTCA CAAACCCGCA CCCGTGCCCC
441151 CAGGGGCCCTT TTGGCCTCGT GTCCCTGCCC TCACCATGCG CCTCTTCCCTG
441201 CCTGCCGGA GCGCTGTTGT CTTCCTTGG GTGTGTTGCT GCCTCGTGCC
441251 CTCCCTTGCC TTTGCCTGTG CTGTTGCTCT GCTGAAATA CTTTCTTTCC
441301 ATTCTCTGAT GGGTGAGTTG CTCAAGGATA AAGTTGGAT TCAAATGTCA
441351 GTGTTATAGT TTTCCCTAAT GCTCTCTCTT TTTCTCACA TCTCCCCCG
441401 GTAATTAATG GTTGCTTATA TAACACATTG TGTGTATAT CCATATCCTA
441451 CACCATTGGA GTTCTCTCAT CTCTCATCAG ACTCTGAGCA CCTGAAGGAT
441501 AAGAACATTT CATTGATTTA TCCTCAACAT TCAGCGAATA ATCACAATA
441551 GTTCTTTTAC CCTCAGTGTG TGCCAAATTG TCAAATATGG TTGTTTAGTG
441601 TGCCAAAACA AAAGTTATGT TATGATGTG AGGTATCTCT TTATCAAGTT
441651 TTTCCGAGTA TTCAGTAGTC AGATACCTGC ATGCGCATGG CTGTAAGCAT
441701 GTGTACGCCC CACCCCGGCC ACCGCCCGGA GGAGAAGAGT GTGTGCCCAG
441751 CCTGGGCCCT TGGTCTGAA GGGAGAGCAC GTCACCCATT GTCATGTTAT
441801 TATCCATTAA CGTGACATTG TATCTTCTCT CTACCCAGAG ACATCACCCA
441851 TCTTCTCTCT ATTCTGAAG ACCTAACTTT AGCCTCTACT ACTCTCTCTT
441901 TCCGCAGATA ACCTTCTTAG GTACTTTACT TACTTAAAA AAAAATTTT
441951 AAGGGATGCT TTCTAAGTGA CATCTCTTAT ACACTCATTT CTAACACGAT
442001 AAGTTTTTCT CTCTCTCTCC GAATTTAGTT TCCTATTATC CTGATCTATC
442051 ACTTCTTAAC GGACACTGAT TCTGCTCTAA GCCTCTTTCA CTTATTTTTA
442101 TATGCTCTCT CTCTCTCTCT CTCTCTTACT TCCCTGTGG TCTTTCAGTT
442151 TTCTGGTTTC TCCTAGCATT AAATAAAAAA AAGAGCAGTA GCCGTCTGCT
442201 CTGGTATCCC GTGCTATCCC TGTGCTCCCT CCTCCACAGT TTCGCCAACA
442251 GCGGTTGGTG CGTGTGAGT TTCTGTTTAC ACCTCCGGCC CCTCTCCATG
442301 CCCTCTGCAG GCCGCTGCCA TCTGGGTTTC TCTGGAAGTG CAGAGGCCAC
442351 AGGTTGCAAT CTACACTCCA GCCTCGGTGC CTGTCTCTGC CCTGGTTCTC
442401 CTCTGCCAGC TGACCTCTTG CCTTCTGATT CCCAGAAGGA CAGGGCGTTG
442451 GTTCTGTGTA TTTTCCACTC TCCTGGGGCC CCTTCTGCTC TCTAGAGTGG
442501 CCATGCCCAT CTCAGCCCTT CCTCGCCCTG AGGGCTATCA AACCTAAAT
442551 GAGAGAACTT GCCAGAAAGC CTGAGGCCAC GGAACATTC CACACACTGT
442601 GTTTTCTTTC CCAAGTCTTG GTTATTTCCT CTTGTTCTT TGTCTGTACT
442651 CCTCAAGCAA ACCTCTTCTT TGAAATATTA CACTTCTCCC AACTCTCTCT
442701 GCAGTTTTTT TTCTAGCACC AGTCTATATT TGCTGCATG ATGAGGCTT
442751 ACCTTAAACT TTACATGTCT AAAACACATC TTTTGTCTTC CTCATCCTTT
442801 TTAAATAAAG TCCTTCCAGA TTTCTATCTT TTTGTCATTC ATCTTCTGAC
442851 TCTAGTGCCC CAAGTCTCTG ATCATCTCTG TATTCCTCCC CCTTTATTTG
442901 CCTTTCATGG CCAGCCAGTC TTTGCATCCT TTCCTACCC TCCCCGCCCC
442951 CCGCCCAATC CTAGCATAAA CTTTTCATATC CTGTATTACT TCCTGTCTTC
443001 AATCTCTTCT TTTGATTAC AGCTACAAAC TTGACCTTTC TGAAAGCCTG
443051 TTTTCATTGT GTCACCTGCG TCAGAACTCT CAGTGATGCC CTTATTTCTC
443101 TTCCAGGATT AGGTAACCTT ACCCAGTCTT CAAGGGTTTC CACAGCATGC
443151 CCCACCTTAG CAATTCCAG CACCCCGAGG CCTGAGCAGC GGTGGGGTCT
443201 CCTGTCTCTCT CTCTCTCTG CCTTTTGATG AATGCTCTTG TTCTTCTGTT
443251 ATGAAACGCT CCCCCGCTT CTCTCTCCCC CTCTTGCCGT ATATCTCCTT
443301 TCTTTCTCTT CTGTCTCTT TGTGAGTACA TCTGTACAG GCCCTTGTTT
443351 TTCTGTCACT GCTTCTACTT AACTATTGAG ATGACAGAAT GAGAGCCTTC
443401 AGATGGGAAA TCCTGGTTTC CAATGTTGCT TAAAGTCTTA CCACTTTATT
443451 AAGCAAGCCT AAAGCTCAGT GGCAGAGTCC CTGAGTAAGC CATGTCTTCG
443501 TCTCTTTCTC CCTGGTGATC AACTCTGTAC TTGGAGCATG GATCCTTAAT
443551 AAGTATGTTT TGTTAATGAA CAGTCAAAACA GATAGAAAAG ACTCACGAAA
443601 CTGTTTATTG TATTTCAACA AATGATAGCT TTGAAAAGAA GCTAACCTGG
443651 TGGCTCACGC CTGTAATCCC AGCACTTTGG GAGGCTGAAG CGGGCGGATC
443701 ACTTGAGGTC AGGAGTTTGA GACCAGCCTG GTCACATGG TGAACCCCG

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443751 TCTCTACCAA AAATGCAAAA AACTAGCCGG CGTGGTAGTG CACACCTGTA
443801 GTCCAGCTA CTCCGGAGGC TGAGGCAGGA GAATCACTTG AACCTGGGAG
443851 GCAGAGGCTG CGGTGAGTAA CCACTGTGCT ACCCGTGTGG AGATCGCGCC
443901 ACTGCACTCC AGCCTGGGCG ACAGAGCGAG ACTCCATGTG GAGATCACGC
443951 CACTGCACCTC CAGCTTGGGC AACAAAGCAA GACTCCATGT GGAGATCACG
444001 CCAGTGCACCT CCAGCCTGGC AGGAGAGCGA GACTCCATCT CAAAAATAAA
444051 TAAAAAATAA AAATAAAAGG AGCTAAGTTA AAGTTGAATG CTCAGTTGGA
444101 TAATCGTTTA CTAACAATTG ATAGGAGCTT GGCTCTGGT GAGTTTCTAG
444151 ATGACAGTGG TCTTAGACCT GTCTCTATCC CTTGCTGTTT TCATTTCATC
444201 AGTAAAGAGG TTTATTGACT GAGCCACTCA ACAACCATT TCGTAATATCT
444251 ATGATGGGGA TACGTTGATC TTTAAGGGTC CTTTCAACTG TAAACAGCG
444301 TTGATGACAT TTTCTGAAGA CAAACAAACA CTCAAAAGCC TTACTTCTTA
444351 ACAGGCCTGT TGAAGATTTT CTTTTTCCCA TCTTTGCCAT CACAGGCTTT
444401 CTTTACACTC CCTCCACTCC ACTCCACCCC TGCTTTTTCT TGTCTAACT
444451 CTATGTCTAC ACCAAGGCTA GGCCCTGTG CTTTGTAGCT CCAACACCG
444501 TATACTCTTA AATAAAAAACA GTAGAATTTG AGTAAAAAGA GATTTTCTTA
444551 GAGTTCTGTG ATGGACCAAG CATGAAATGA TACAGCCAAC TCACAGAGGA
444601 AATAGGAAAT AGGACCTTGA AGGTTCTTTT CAGAGTTAAA CTGTCCTGTT
444651 GGATTGCTTG TTCATTTTAA GACTTTGACT TATTTTAGAT ATTTTTCATC
444701 GATAAAAGTT CGGTGATGAC AAATGAACTC TACAGTCTGG CATCTACCTT
444751 AGCAGACTAT CAAATTTGAA ATGATTAATA TAACATTCGT CATTTGAGAT
444801 AAATACCTTA GAAATCTCAT TTAAAGATAG TCATGTAACG CCCCATGGTT
444851 TTCTACCGAG CCGTGCTTTC TTTGCTCCTA TGTCTGTAGG GCAGTTTTCT
444901 AATGCAGTGG TGTCAAGTAG TACCGTAAGT CAGCAGTCAT TGTGTGCAGC
444951 TCTAGTCCGA GCACTTTAGG TCTGTGGTAA CAGTGACTTA GGTGTGTTGA
445001 ACATAGTTTC ACCCTTCAAG TTGTCTTGTC CAGCTGGGAT TACAGAGGAA
445051 ATGAGAATTT CCTAATTAGT CAGTTAGACT GATCTTGGAT ACTTTCATCT
445101 TTGCAACGTC TTGTCTTACA AGAAAGTAAT GAAGCCGAGA TTGTCTTCC
445151 TATTTAGAAT AGACCAGGT GTCCACAAGG CCTCAGGTCC TTCCGAGGTG
445201 TCTTGTAACA GCATTCCACA ACAGCTGTTT TGTTTTAAGG CTCAGTGCAC
445251 TCCACAAAT CCAGACGCCC CATGGCTGCT ACAGTTGCTG AATGGTGACT
445301 TCAGGCTTCA CTTGGTTCAA GCCTCAAGGG GGCTGAGCCA AAGCTGGCAT
445351 GACTTGCTCT TCAGCAACAA GTTCCAAATA GAGAAAACAT TTCAAATACC
445401 AACTGACTGC TGCTTTCTTC AAAAGAACT GCCTTCAGAG GAGAAGCTCT
445451 TCCCTGTGCT CATGATCCTG GTTCCATGAC TTCCACAGCA TTTTCATTTT
445501 CCAGCCCTTC TGTGGTGGG ACAGTCGATC TAGTGATTGT GAATAATTTT
445551 AGTGTGCAAT GCTTAACTTT TACAAAACAA GCCAACAAAG CTGAAAATAT
445601 TATTTGGATG ATAAGAGGAG CAAACAACCT TAAGGAATAT TTTTAAAGTG
445651 TGGATTTAAA TTGAATCGTA ATATTAAAT TTAGGTTTG GTACCATGTA
445701 CCTTGAACCT CAAGGATTGT TATTACCAG TAATATCTAC ATATTAAATC
445751 TTTATTTAAA CCTGATATCA GGAGGAGGAG GGTGGGGAGA GAATGGTCAA
445801 TGGGTACAGA ATTCCAATTA GAAAGGAACA GTAAATGCTG GTGTTCTATT
445851 GCAAAGTAGA GTGACATACT AGTCCCCCAA AATGATCTTA GTACCTGCTA
445901 CTCTAGTCAA CAAGGTATTA TATATCTCAA AATACCTAGA GGAAAGGATT
445951 TTGTACGTTT CCACCTCAAA TAAATGATAA AATATTTGCA GTGATGAATG
446001 TGCTCATTAG ACTTATTTGA TAACTACACA ATGTAAATAT GTACCAAAAC
446051 ATCACATCGT ACCCCATAAA TATGTATAAT TATGTTTCAA TTAATAATAA
446101 CTTTTTAAAA AGCTGATATA TTTTAGCTGA GTGTGAAAGC TCTGCAATAA
446151 CAGTAGAGTT GTTGATTAAT TTTTCGTATT ATTATGCATT TTAGGTTGGT
446201 GCAAAAGTCA ACCGCAATTA CTTTTATACC AACCTAAAAT ACGTAATACA
446251 ATATTTACTT CCTTGAAAAG GAAATCCTTA ATGCACATTT AAATTATGAG
446301 TTCCCAGAAAT AATGTGGCTG GTAAATAAAT ACATTTTAAAC CATTTTAAAG
446351 TGTACAATTC AATGGCATTG AGAACATTCA TAATGTTTGG CAACCATCAC
446401 CACCATCCAT TTCCAGAACC TTTTCATCTT CCCAAACAGA TCCCCTTACA
446451 CAGTAATTCC CCACAGGAAT TCCCGCCGCC CTCCCCAAC TCAGCCGTTT
446501 ATATCCACTG TTCTACTTCC TGTCTCTGTG AATTTACCTA TTCTAGGAAC
446551 CCCATACAGG TGCAATCATA CAATATTTTC CTTTGTGTCT GGCTCATTTT
446601 ACTGACTGTG TTTTCTAGGT TCATTATGTT GTAGCAGGTG TGCAATTTCC
446651 ATTCTTTTTT CAAGCTGAAT AATGCTCCGT CTTGTATTGG CCTATTTTGC
446701 CTGTCCCGTC ATCTGCTGCG GGATGGTGGT AGTGTTCGCG CCTGTGGCTT
446751 TTGTGAAGAA TACCGCAGTG AAAAGGGATG CACAAGTTTC TGTTTTGGCA
446801 TTGATTAATT TTGAAATGTG CCTCACTCTT TTTCTATAA TAGGTAATAC
446851 TTTTGTACAA GAAATATTAA ATATTTTTC AAAAGTGGTG CAGAATTGGC
446901 ATTTTGTCTG TTTTCATAAT GGAATAATAC TTGAATGGGT ATAGGCCCTT
446951 ATTGAAGTT CTGGGTTCTA GGTGGCTGG TTACAGATT GTGTAAGTCC
447001 TCATGCCTCA CTGTAAATAC CATCTTCACG CAGTAGCGAG CCCTTTCACG
447051 GCACCTGTAA ATGATTAAAT CAATGTAAAG AGAAGACTCA TTATCCCTCT
447101 TTAGATAAGG CCAGGAGATT TGTGAGAGAG GTTTTGTCAA GTTCTGTGCA
447151 GAACTGCAGT ATGGTCAAAG CTGAGCTGTT ACCTTATCAG CTGTGTGTGA
447201 GCCCTGCAGG TGTATGTGG ACAGCAGTAG AGAGAAGTCA ACAGATTGGA
447251 TTTTTTTTCT TAATTTCTGT ATTGGAAAA CATGGGACAA CGGGTGTCTC

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447301 CTATATTTTAA TTTGTGCTTA GATGTCTACT AGAACCTGAT GAAAGTGTTC
447351 TTGTTTTCCA GTTAGGAAAA CACGCTGTTT CGCTCACAAG GTTGAATGAA
447401 GATGGTGGTC TTTGCGCAAT ATCCATGTAT TAATACATTA ATAACAATTG
447451 AGCTTATAAT AAAGAATTGT GCCCTTTCAA ATTATCTGAA CTGTCTGCTG
447501 TATGTCACAT TTTACCTTTT TAGAGAAGTG CTAATTCATG TTAAGTCCGC
447551 CTGAGAGATT TGTTAATGA GCAGATTAAA TGGATGATTA TCCCTCTCAA
447601 TTTTTTTTTT TTTTTTTTAA GGAAGGGCTT CTTGTGATGC TCCTCTGTTA
447651 TTTGGCGCAG GAACACAGAG GGGTCTTTTT AAAATTACCC CTGCAGGGTC
447701 ACCAGGACCC AAGCTGTTTG CTTCATTAAT CCCTGGTGGC TTCTTTAGAG
447751 CCAGCCCCTC CAAACAGCCC TGACACAATT GTATCTAAAT TAGCATCTGA
447801 CTGACCCCTT TCTCTCCTCT TTCAAGCCC CTGCTGACAG GGATTGGCAA
447851 AAGATGTTAA TTGGTTGGGC CTGGCTTGGG ACAATAGACT TGCCAAGATG
447901 AAAAAAGAAC TAATGTTTCT TTCAATATGC ATCCAGATTC ACATAAGTAC
447951 CTCTTTTAAAT TCCTGGGAAT TATTGTAATG CCTGGTCAAT GGGATAATTG
448001 ACCCTCAGCA CTAAGCTCTT ACTCCATAAT ACAGCATGGC ACAGGCCCTAT
448051 CAGAGTAGCA GGTACTAGGG TGATTTGCAG GGGACTAAAA AGAGATTTTC
448101 TCAGCCAGCG TTCTGTGATG TACCAAGGCA GCCCAGTGGG AGTCCCAGAG
448151 AGGGGACTAA TTTGAGCTTA ACAGGGGGAA AATGTGCTAA GAGCCACTAA
448201 AACTTATCCT CAGAATCATA AAGGAGTTGC ATAAAGGAAT GAGTTAGGAG
448251 TTTGAAAGAA GTGAGTTAGT AGCTTGGCAG CTTCGAAGTC ATATGGTGAA
448301 GGATAGGACC TGGGCCCCAAC AACTCTAGAC AGGTGGAGAC GCCCAGAAAT
448351 GTTGACTTCC ACACAGGAAA ACACAAGGTT TATTTCAGC ACATACCTTC
448401 GCTGCTCGTT TATAGAGA GGCATTTCCA GTTCAGATGT TAGGCTAAAT
448451 GAGCCCCCAA ACCCTTCTCT ATCTCACTCT TTAATATCCC AACTTGCTAG
448501 AAATCTTACA GATCGTTTTG CCTGGTACTG AGGCTCTAGA ATTTGTTTTA
448551 AAAAAATTAAC TGTGGAGAAA AGGGAACCCCT TGTACACTGT AGTTTGGAAT
448601 GTGAATTAAT ACAACCATTA TGGAAAACTA TATGGAGGTT CCTTAAAAAG
448651 AATAACTAGA ATTGTCATAT GATCCAACAA TCCCACTTCT GGGCATTTAC
448701 CCAAAGATTT CAAATCAGTA TGTCAAAAAG ATGTTTACAC TCCCAAATTA
448751 ATTGCAACAC TATTACAAT AGCAGAGTTA TGAATCAAC CTAAGTGTC
448801 ATCAATGGAT GAATGGATAA AGAAAATGTG AGACACACAC ACACACACAC
448851 ACACACACAC AGTGAATAG TCTTCAGCCT TAAAAAGAG
448901 ATTTAGTCAT TTGCAAAAAT ATGGTTGGAA TTGGAAAACA TTATGCTAAG
448951 TGAAATAAGC CAAGTACAGA AAGACAGGTG CTGCATGTTG TCACCTACAT
449001 GTGAAATCTA AAACAATCAA ACTGAAAGAT GCAGGGAGTA GAATGGAGGT
449051 TATCAGAGGC TGGGGATGGG GGATGGAGAG ATGATGGTCA GAGGGTACAG
449101 AGCCTCAGTG AGACAGGAGG AATATGTTTT TTCTTTGAG ATATATTATA
449151 CAGAGTAGTG AATATAGTAA ATAATAATGT ATCATACACT TAAAAATCAC
449201 TAAAGTAAA TTTCAAAAGT TCTCTCCACA AAAAGATGCG TATTTGATGT
449251 GAGGGATATA TTAATTTGCT TGATTTAATT ATTCCACATT GTATTCGTGA
449301 ATCATGGCAT CACTTTGCAC CCCATAAATA CATGTAACCT GAATCTGTGA
449351 ATTTACAACC TAAATTTTTT TTAATTAAT GTGTAAGTAT GGTATAGTAT
449401 GCACTACAGA GTAGTCTTAC TTTGAGGTTT GGGTTGTAAT TCCAATCAAG
449451 GTTAATGTTT AAAACTAGCT GTCTCCGACC TCCATTACGG TAACAATTGG
449501 CACTACATGG TGCTGAGTGG GAGCTTCATT TTGTGGTTAT GACAGCCCAA
449551 TCTGAGAAGG AGGTGTTTGT GGAAGCACTA AATGCAGCAG TGCCTGGGTC
449601 AACTGAGTAG CCTTTGAGGT CAGATAGCCC TGCCTCTCCC TCCCAACTTG
449651 TCACCTGTGT GACTTTAGCA AGTTACTATC ATCCCTACGT GTAGGTTCTC
449701 GCTTTCAAAA AGGGATAAAG AGTTAAAAAT AGCAATTTTC TAAAGAATCG
449751 CAGAGCAAG TGAGCTGATC TCATGTTATT CCATACAGTG CCAGATATAG
449801 AGTAGTACTG GATAGGCCAT CTGTTGTCAT CATTGCCCCA GGATCGCATA
449851 GCCAGGAAGG AATAGAGATG CAATTCACAC TGACTGCTGT TTGACTCTGA
449901 AGCCTACACT GTTTCAGGAT GCTGCGTTGG CAGTTCATTC CTAAAAATTA
449951 AGGGAAAATA TCCAAACACC TCAAAAATGG TGA AAAAATA GAAATGCTTG
450001 TTTCCATCTT TTAAGAGAGC AAGTGAGAAA AAAATATATC CATTAATATAT
450051 AACAAAATTC AGATACATCA TTCTGACCTT CTTTGCCAGA AAATTATTTT
450101 CCTTTCATAA AACTATAATA TACTTTTTTC TAGTGCATGT CTGCCATGGA
450151 AGGAGACCAT TTAAGCAAGA TATTGATTGT TAGTCTCAA GTTTATTAGT
450201 TTCTCACAAA GAAAAAGGTC TGATTATATC ACCAGAGCGT GGGGTGCATG
450251 CCCTGCGCTG AAGCTGGTGT AGAGCATCCT TTAGGCTTCA AGGGTCTCAA
450301 TCAGAAATCA TGTGTGTTT GTTCAGATGC TTGATCTGGC GAATAAGTTC
450351 AGTCTTTAGA AATTAAGTTA TCTTAGGTTA ATGTGAATCA AATTTAAAAA
450401 ATGGTGA AAA GCAGCATTTT TTGAAGTGT TTGAGTTAGG AAATTAGTAT
450451 AGTGATACAAA GTCTTTCTGA GCTTCTCTGG GAGCAGCTCT GGTTTTTATC
450501 CCAGAAAGTG TATCCTTTAG CAGGAGGGCT TCTAGCTGAC CATGGAAGTC
450551 AAAGTTCTAG TCCAGCTTCA TTAATAAGCA GCTCTGAGCC CTTGGGTGGT
450601 TTTGTCCATC ACTCCAGGAT GTTTGTTCCC TGAGCAGTAA AATGAAGGGA
450651 CACAACCAGG TGACCTCATA GCACTAGACC AAAAGACACT
450701 CTCGTATCA TCTCACTTGA TGTGTTGCC ATTAGATACT TATGGCTACC
450751 TCTGCTTCTT GAAACTCTTC TTTGTGGACA TCCAAATTAT TTCTGCTTCA
450801 GTTCCCTCTT ATCCATCTCT TTCCATCTCA TTTGCCAGTT CTTCTTCCCC

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450851 TGGCTTCCAT TTAAGTGTGT TTTTCCTTAG AGTTCAGCCC TTCTTGATT
450901 TCCTGTGTTT TCCTATGGTA TCACTTCCAT TCCCATGACA ATCTGCAATG
450951 TGTATGTGTG TATTAAATAT TAATATAAAT ATCAAGTATA AATATCCAGC
451001 CCTTACCTCT TTCTTAAGTG CCAGACTTGG CTTTCTAGG AACCTCTCCC
451051 ACTTTACACC TGTGTGTTTA CTTGGCCACC TAAACATCAA CATACTTGAA
451101 AATAAAATCT ATTTTCTACA ACCTGTGTAC TGATGAGCAC CCTTATCCAT
451151 CTCATGTGCT AGAAGTGGAA TGTGGAAGGT TTTTATATGC TCTTACTATT
451201 CCCTAACCTA CACATCCATC TGTTTCCATC CCTCCTCTCC TTCACCAGTA
451251 TGTCTTCAAA TCCACATCTT CAATGCTGAT GTACTGGTGT GGCCTGTCA
451301 TCTTCTGCTC AACTACAGCA GTTACTCCAA ACCATAATCC CCTTCCCGCC
451351 ATGCTTTACC TTATGGTACA CCCCTGTCAC TGCACAGACA ATGTGTAAGG
451401 GTCACAGCTA CCTACAGAGC AAACCCAGT CTCCTTAGAG GGGCTTCGCA
451451 GTGCTCCCCC ATGGGGCTTC TGTCTGCCCC CCTCAGCCAC CCTTCTTTA
451501 ACTCCACCTC TTGACTCCAA GCCTGGAACC AAGCCATGGC TTTACATGC
451551 CGTGCACTCC CTGTGGAAC GCCCTTCTTC CCCCTTCCCG ATTTGTTAGG
451601 ATTTGGCTCA CCTTTCAAGC ACCAACTCT CATCATTTGT TAAGGTTTCG
451651 CCATGAAAGG TGTACTGCC TGTGTGGAAT CTTCTCCAAA CTTCTAGCA
451701 GAATTCATCT CTTTCTGTGC CGACCCACAG CTCTTAAGCA TTTCTGTTCT
451751 AAAGTGCTTC TGTCTAAAA TTATGTTGCA CTCTACCAGT GCATGGTCC
451801 ATTTATCATA ATGTTGAAAC AAAACATGA AACATTTCTG TGAAATCTT
451851 CTTTATAGAA ATCATAGAAT TTGTGTAATT ATGTACTTAA ACCCACGCTA
451901 GTGGAGCATC TGTCACTAGT GTTACCATC AACGGGTTGT GTATCAGTCA
451951 GGGTCTAAT GGGGACAGAG AAGCCAGGCT AATTATTTAA AAGATTGTCA
452001 TTTAATTAAA GGAATTCATT GCAGATGTCA TAGAGGGGAC TGAGAGAGAA
452051 CCTGGGGGTG AACACAGCA GAAATCGCC ACCACCCTGT GATGAAAGGA
452101 CCAAGACAAG AAGCAATAAA TATACCAAAG CTCAGTAGCT GGGTCGCTGG
452151 GCTCATTAGC TCAGGAGCTG GAGCCCTAGT GGGCCAGTCC AGCAGGGGCG
452201 GGAGCAATAA GTGAATCATG GCCAATTTG GAAACCTCCA GGCACAGGGG
452251 GAGAAGTCCT GGCTTCTCCC TTCTTCTCTA ACCTCTTGCC AGCGCTTCCC
452301 ACTGGGAGGA CCCAGTTGGA AGGTGCTAGA AAATGCAGCC TGCATGAGTT
452351 GGCCCCTGCA GGGGTGAGGC AGAAGTACT CCAGTCTAG AGACCCAGCA
452401 CAGACCCAGG CTGTATCTGT CTCCTCATG TGTTTTCTTA AACACAAGAA
452451 CCTCATCTTA CTGTCTTTG CAACTGCAGT GCCTAGCACC AAGTAAGGTT
452501 TAATAAGTAT TTAGTGAATT GCAATGAAT CTAAGGTTTC CTTCCAAGAC
452551 TAAATATAT TTGTTCTCTA CCAGTGCGTT GGTCATTATA TCATAATGTT
452601 GAAACAAAAA CATGAAACAT TTACCAAGAA ATTTTCTTT TTTTCTATCG
452651 TAGAGTTTGT GTAATTATTT ACTTAAACCC ATGCGTTAGT GCAGTCTCAA
452701 TCCTATTCCCT TTATTAACAT GAAGCCAGTG CTATTTATCA GCTCTTGTT
452751 GGTTTTGAAG ACATTTTCCA CCAACTGTGC GTCAGATTAA ATACAGGAAG
452801 GGAAATGGAG ACATTGATTT AATAAACACT AACAAATGTA CAGAAAGGGA
452851 AAAAATTATG TTGCAGACCA TTTTCACATA ACTCATCTA AATATGCCTT
452901 TGAACAGGCT CCTGCTGGTC TGTGGCCAGG CCCTCTGCGC CACTCAGCAC
452951 AAACCTTCTG CAGTACAGCC CACAAGGCG TGGGCACAGC ACACCGGGTC
453001 TGAGCCAGAG AACTGTGTCG ACGTACCAG CCTTCCCTTT TAAATTGTCT
453051 TGCATTCCCT TGGTGGGAC ATTCCAAAGA AGACAGACAG TCCCCGAGC
453101 AGGTGCATGT GGTGCTGGTG TTCAGCTGCG TGCAATTTCA CAGGTTGCTG
453151 TCTTGCAGG GAGTCAACCT TTAGCCTCAC CCTTCTGTCA CCAGCCCGCT
453201 GCAGAATCTT GTCGATTGCA CTGATCAGAC ATAAAGTTAT CGCGTCGGCT
453251 GTGCCATGGG ATCCAATGTT TGATGTACGT GGTCACGCGA GGTGGAGGA
453301 AATCTTAGAA AACACCCCAA GTTCTTTGTT TCCAAATGAG GAAATCGAAG
453351 CCCAGAAAAG GGTCACTTTT TGTAGCTTTT GGCTGTAAAC TCATGTCACT
453401 CCTAACCCAT CATCATTTTT GTTTTGCTGC ACAAGCTCTG GAAGTTGTTT
453451 TAAACCTTAA CTCTGAACAG AGTGTACAC TGTGGTTGTA TTTGTAATTT
453501 AGTTTGCTTC TCTTCTTTCT GCCTCCTCTT ATCTCTATTT ATGTTTTTCT
453551 ATATACCTCT TCTTATTACC TTGAGACTTG AACTCAAAAA TCACATGTTG
453601 GGCACCTTGT GAGTCTCTAG TAATATCCAG GGTCCATATA ACTTGGGGTT
453651 TTTTCTTGGC ACCAACATCC TTATCATCAG TCCAATTGCT CTCACCTCAA
453701 AGTCCTTAAA TCTTGCACTT ATTTTCACTT CTTAGTGCCT TAACAGATTG
453751 TACACAATC AGAAGGATTG ACTCTAGCCG CCCATGCCTG GTAGTAACCT
453801 CTCTTCACTG CAGTAGAATT TTAGAGTCTT TGTCTTTGAA GTCATCCTCC
453851 AACCCAGGCC AGGGCAGGGA TCTCTCCTGT CCTAGATATC TTCATGGATA
453901 CAGTTAGCAA AGTTGACACC AAATGTTAAG CATAATGAGA TTAGCCTGGT
453951 TTTCTTCTCT TCTAAATCTG CAGAGAACCA GTTTTAACTT ACTCCGCAGC
454001 TTAAAGACTT TCTAAGACTT TCAAGGCAAA TATGATACAG TAGTAGTTGT
454051 TGAAATTACC AGATGCAAAG TCAAGGCAAA TATGATACAG TAGTAGTTGT
454101 TTTGCAATGA TTATATCTGC TCCTCATAGT AACCTGAAG GGGTTTTTAT
454151 AGTCTGCATC TTATGAAGAA ATTGAGAAGG ACAGAGAAGA GGTAATCTAC
454201 CCAAGTGTAC AGAGATGTTA AGCTGCAAAG CTAGGCTATA GTCTTGGGCC
454251 TCATGGATTT CACACCTGCC CATTACACTG TGTCACTCAC TCTACTGCAT
454301 TAGGAAGTAC AGCATCAGCT GGTGGCTATA ACAATTACAA TTCATACAAA
454351 TAAGTGTAAT TTCAAGACCA ATCACTCATT AATGTTGACA TAAATAATTT

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454401 ACTAGAAAAT TCTATTTTGG TGAAGTTTTA AAATAGCATG GCTTTCACTG
454451 TGCTAATAAA TATTTAAAGA AAGATGTATT TGTTTTTTC CAGCAAGTAT
454501 AAAAAATAAT TCTTCAAAAT TCGATGTATT ATTTTAAATT AGTTAATAGA
454551 TGTATCACAG CCATGGACTG CAGAAGTTGT AAAACCTTAT TTAATTCTAA
454601 AATTTCTTAA ATATCAGAGA ATACATTTTT GTTCTTTGAA TATTGGAAGC
454651 CCCCCAAGAT AGTTGACCAT GAAGAAGAAG ATGAGGGGAA TATGAGAAGG
454701 CAGATGTTTT AAGAGAATAA TTATCTGTAG AGGGACATGT TTTTAGATTC
454751 AATGAATTCA TCACTTGTA AGTGGAATC CTGGCCAAAC CACATAAATG
454801 GATTTGAGCT GACTGCCAGA TAAGGAGCAT TTCAGAAATA AAAGGGCAAT
454851 GGTGCAGCTT GAAGGATAGG CTCCAAAAG CATTCTGATA AAAATAAAAT
454901 GCCTCAAGAT GCTCAAGGTT CCTGGGTGAT AGATAGGAGC TTTCTCTGGG
454951 AAGAGCATCA GTTATTAATA TAGGAAGGAG GGAAATTTGT AACAAGAAAT
455001 GAAGAGGCCA AAGTGTGATA GTTGTGATT GGGCTGCATA TGCTTTCAAC
455051 TATGTGATAG TCCAGTTACA AGGTTACTTG TTGATGGTGG CTCCGTGTTT
455101 GCCCCAAGAG CCAGATCCAT GATTAACAA GAAAAAGCC AACGTGGTAT
455151 ATTAACATCC AACAGTGAAA AACCAATGTC TGTTACCCAG GACACCAAG
455201 GGAACCCCTC AGTCCAAAGG GGCTCTTAAT TTGGAAGGGA ATAAGCAGCA
455251 GTTTATGTTA TAATATATTA TAATTGCTTA TTTTAAAGAT AATTTGTCCT
455301 AGTTTGTGAA AGCTCCCCC CCGCAACAAT AAATTTTCTA TGAATTGCAC
455351 AAGTCAACAC ATAGAAAAAT TGGATGCAGT GAAACCAAGG ATAAGATGAT
455401 TTGGTGTGTT ATTGGCACTT GTCTCCCATC CCTCCAGCA GCCGATCCTG
455451 GTTATTTTCAT TTCATTTTGG ACCCCACTTG TAACATGATG TTAGAGGACT
455501 GCTGTATTGG TTACTGTGAT TATTTTAAAT AACTTATTGT GTATTCCTCA
455551 TAAAAATTAT TAAAGGGTGC AAATTGCACC CTGGGGGTG GTGTTCAAAT
455601 GGGAGCTAAA CAGCAAGAAA AGGTAGTTTA AAATACTATT CCTCATAGGC
455651 AGAGATACAA CACATGTGAT CCCCCAAGT AGATATGAGC AACTGTGTTG
455701 CATGAAAACC ATAGATAATG AATTCTCTT TTTAAACCTG AACTAAGTAA
455751 TACCTGGAAA GTAAGTGAAA TTCACATGTA AAGGAATGTA TATTTTCCA
455801 GATATGAAGC TACCCATCCT TTAATATGTT CTTTTCCAAA AGTATACATT
455851 GTCCCTTTTA CTCAAAATGT TCAGGTAAAG CCACAGTTAA GACTCAGACC
455901 TGAGGGAAGA CAACATCAGT TCATCTGGGG AAAATATAGA CAAGGCCTCC
455951 GCTAAAGCAT CCAGCATATG GCAGATGATG TCAGCCAGGG ATAGCCACTT
456001 ACAACATTTA GAATTGGTGT GATCTTATC TGAGCGTACC CTCTCCTTTA
456051 TAACTGTATT CAGATCTCCA CATCTGAGAG ACTGGAGGGA TTTGGGTTTT
456101 GCATTTTGGG TTTCGGGATG TGAAAGAATG TATATCTTTC TGCTGAGGAG
456151 GGCTGTCTGA GCTCTGAGTT TGTAGAAGGT GCTGCGAGGT GGGCTGCGGG
456201 AGCCTCAGGA TTCTCTACCC CTCTCCAGC TCCTGCCCTA AGAGACTACA
456251 GTGTCACTTT AAGGGAAGTT TACCCTCCCT CAACCCACTT CCCTACTTCC
456301 AGGTCAGCCC TTACCTGTCA GAGCCCATCA CTGCCCTCA TACTCTGAAA
456351 CTAGTCTCAC CTGAGTCGGC AGCTGGCTTT TAATTCCAAT TCCAAAGATT
456401 TTCTGTATCT TTCTTATAGA CCTCTCTGTA CTTTGTGTCAG TTTTGGGAGA
456451 TTTTCTTGAG ACAGAGTCTT GCTCTGTTGC TCAGGCTGGA GTGCGGTGGT
456501 GCTGTCATAG CTCACTATAA CCTCGATCAT AGCTCCATA ACCTTGAAT
456551 CCCACGCTCA GGCAGTGCCC CCACCTCAGC CTCCCAAGTA GCTGGGACCA
456601 CAGACATGTA CTACAAGGCC TGGCTAATTT TTCAACTGTT TATACAAACA
456651 GGGGTCTCGC TATGTCTGCC AGGCTGGTCT CGAACTTCTG GGCTCAAGCA
456701 ATCCTCCCAC CTCAGCCTCC CAAAGTGCCA GGACTACAGG TGTGAACCA
456751 TGCCAGCCAG GTTGTTTTGT CTTGAACTCA CTTCTTTTGG TTCTTAAAAA
456801 CCCTTCTTCA GATTCTTTTT GTGTCCAGC TAGCCCAACT CCTTCTCGGC
456851 CTTTCTCCCTC TTCTGTAACT TACAGGTTTG GGTCTACAC CTCAGCATTG
456901 AGCCCGTAGA TACTGGCTCA TTCTTCTGTA ATGGTCTCTG TACTCTCTG
456951 GCTTCCATTC ATACCTGCAC GTGTATGACC TCCAAATCTA AATCTCTGAA
457001 AAGTTAGGTC ACCCTTCCTG GTGCTGGACT CAGTGACCCA GTGCCCTCCA
457051 GATGTATCAA TCTACACACA TTATTAACAC ACACACACAC ATCCTAAGCT
457101 CGGCACCTGT GAAAAAGATG TCTTTGTGTT CCCCTGCCA CTTCTCTCTC
457151 TGCCGTGTGT TCTGCCCTAG TAAATGGCTC CACCATCCAC CAGCTCACAG
457201 AGCCAAAAGC CGAAGTCCTC CCTCTTACCA GACTCATCAG TCACCAGGCC
457251 TGGTAATTTG CCAAGTCTCC TTGCAAGGTA CCCTGCCAG CCTCACAAGA
457301 ACCTCACGGT CTCTGGCCAG GATGCCCATG GAGGCCATC CTGCAGCTTC
457351 TGGTGTCTG AGGCTCCCAT GCCCTTCTC TGCCCTTGAC AGACTCCTTT
457401 TCCTAAATAC TGTCACATT TCTTTATTTT GCTTTTACTT ATTTATGATC
457451 TGAGAAAAAC TGTTTCGATC CAGAGGGCAG GCTGGGCTG CCTGTAACCC
457501 CAGCACTTGG GAGGCCGAGG TGGGTGAATC GCTTGAGCCC AGGAGTTCGA
457551 GACCAGCCTG GTGAAAAACCT GTCTCTACTA AAAATACAAA AAAATTAGCC
457601 AGGTGTGGTG GTGCTCGCCT ATAGTTCTGG CTACTCGGGA GGCTGAGGTG
457651 GGAGAATCTC CTGAGCCTGG GAGGTCGAGG CTGCAGTGAG CCAAGATCAT
457701 GCCACTGCAC TCCAGCTTGG GCAACAGGGT GAGATTCTGT CTCAAAACAT
457751 AAACCACAAA ACAAAAACAA AGCAGAGGGC AGAAACTGTA TCTTCTTCC
457801 TTGTAGCCTG AGAAGCCATA CAGTCTCTT TTCTCACTC CCACTGCGTT
457851 GTAAAAGCAA TGACTCAGGA ATGAGATCTT AGCAAAATTT AACAGTGAGG
457901 CTAAGAGACT TTTCTACAA AACAGTATGC TAATATTAGA GTACATATCA

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457951 TGGACTCTTT TTCCTCAAAAT TATCTGAAAA ATTATCAGAC ATCAGAAAAA
458001 CTGAGTTGAG GCCAGGCGCG GTGGCTCACA CCTGTAATCC CAGCAATTG
458051 GGAGGCTGAG GCGGGTGGAT CACGAGGTCA GAAGTTCAAG ACCAGCCTGG
458101 CCAGGTTGGT GAAACCCCTGT CTCTGCTAAA AATACAAAAA AAAAAAATA
458151 GCCAGGTGTG GTGGCGGGCA CCTGTAGTCC TAGATACTTG GGAGGCTGAG
458201 GCAGGAAAAA TGCTTGAACC TGGGAGGCGG AGGTTGCAGT GAGCCAAGAT
458251 TGCACCATTTG TACTCCAGCC TGGCAACAGA GCTAGACTCT GTCTCAAAAA
458301 AAAAAAATAA AGAAAAAAC TGAGTTGAAG TTCATATTTT GTTCTACGTG
458351 TAATTTATTT ACTTGTGAAA TCTTGTACTG TCATGAAAGA CTTAGGTCTA
458401 AAGCTGAATA TGCTATTTTG ATTGATTAGG TGATATGTTG TAGAACCGTA
458451 TAATATTTAT GGTTTGAAGT ATAGTTTATG GTATTTATTT GATCGAATGT
458501 GTATTTAAAGT GAAAAAGTATA TTGAAATATT AATATAGTTC TAAACCAGAT
458551 TAAGTAAATA ACGTATTGAG GTAGTGAATC TTTTTCCTTC TATAGTTTAT
458601 TTGTTAGATT TTTGTAAAC CATTTGTAGA TTTTGTAAAA CCATTTGTTA
458651 GATTTTGTAA AACCATTTGGC ACTTTTGTGA AGTTTGGGAA ATAAGAATA
458701 ACTACATTTT TGGGGTTTGA GAATAGAGCA GGAAATTTCT GGTGTTAATG
458751 ATTGCCTATA ACCTCAATAT AGAAGAATAA GGACGTGGAA TTGTACCACA
458801 TCATCAATAA AAGTCTCCTT TACCCTAAAA TTCTGCAGGT GGGTCCATCA
458851 TCCTAATCAG TAACACGCAA TTTCAAAAAA TCTCTGTGGT CAGTTTATTA
458901 TGCTTGTATA GAGTTTTTCT TCTAAAGTAA CATACAGAAT TTGGATGATC
458951 TGAGTGAGTC TGAGCAGGGC CCCAGGTGGA TTTATAGGTG TTTAGAATAA
459001 AAGGATGCTT TTACATAAAT CAGTACAATT AGTTTTATTA TTGCAACCTT
459051 GTTTTAGGCA TTTATGTTAG CTGGTGACAA GACGATGAAA TCTTCAGATC
459101 CTGATGTTTC AGTGAACCA AAATAGAAGG AAGTTGACAA CTATCACACT
459151 ATGGAATTGC AACAAATTGC AGAGATGACA GAAAGGACA TCTGTTTCCA
459201 GTCAGTGGG AGGGAGTTGG TTTCCCGTAG GCAGCTGCCT GCACCTTCTG
459251 TAGAAGGCCA CCAAGTGCTC AGAGGTTATA CACTCGCATT CCCGGAGCTC
459301 TTCGGAGAGC ACAAGGCAGG AGGGTCAGTG ACGTTCTCGC ATTCTTTTTC
459351 TGGCTGGCCA TTAGAATTAG TAGGCCACAT CTAATACGTC CACACAGGTC
459401 CAGATATCCT ACACAGGGGT GTGGGTTCCC AAAGAAGGGG GGATCGGTAG
459451 GCCCTACACA TTTGTTGCTC ATCTGTTTGC ATCTCAGGCA ACTGTGAGCT
459501 GGCTGGGCTT CCTGACTGTG ACAGACACAA ATTCTAATCC TTGTAGCCTC
459551 ATTCTGCAA TTGTACCAG ACCCTTGCCT GCTAGGAAGC CCAGGAGATG
459601 CCTTCTCTTA CAGGGAACCA GTCTTGGACC CTGCGCCATG TTGATCCAGA
459651 ACTGATGTGG ACTCTTTTCC GTTGATTTC AATGTGAAGG GAAAGGGACA
459701 AGTGGGGTTA AATAGAACCA GACCTGGCCA CCCTGTTTAC TTTAGAAAGC
459751 AAAGGAACAA CCTAGAAACA CATGTCCTAG TAGGAACACA AATTAGAAA
459801 TAGTGGCCCT CCTCACACCA GAAAGGATT GCAATTATCA TATTTAGCCT
459851 AACAATACCA GTCAAGTTTC CCCTTCCCAG ATCCACCAGT GTAGCCCTGC
459901 CAAGAGCAGC AGCAATTAC TTGCCAGTTC ATGAAGTCTT TCTAAAATTG
459951 TATTTTATTA AAGTCTTTTA TTTCACCTTC AGCGAACATT TATTATTTGC
460001 CTCTTACAG CCAGCACACC GCAAGACATT TGGGACAGAA AGGGTAAGCT
460051 GCAGTGCACA CTGTAGAGG GCCAGGCTAA GTGCTAAGAG CCGTAAACGC
460101 ACAAGTTGTG AAATCCTTAT CTGCTTTTTC CTACCACCTT TTTCAACTTA
460151 AGAAAAATGA CGCTATTAAT ATTGATGTCC AGCAGGCCAA CATTTCTTTT
460201 TGTAATTTGT CAAGACTGAA GTTAACAGTG AACAAAGTCCA GATCCCATCC
460251 TGCCATGTAG ATCCAGTGTG GCCTGGGGAT AATTCAACCC TAGCCCTCCA
460301 TTTTTTTTTT TTCTGTAAAA TAGGCATGAT CATAAGTCCC TCTGTCCCCT
460351 AGAAGACATC AAAATAATAA AAAAAAATGG ACATGAAAGA TGTCCATTAT
460401 TCTCATAAAA GATGCTACCT AGATCCAGCG TAGGAATATT TTATGATGGC
460451 TTTGATCTTC ATCTTTCTGT AGACATGGGG TTTAACAATT TAAATTCTTT
460501 CTGGCTTTGT TTTCTAAGA TTGCCACATA GGTAGATTAT GTAATCCTAG
460551 CATCTTCTGT GTGGTTGTTC TCTGGCTGCA TAAGACATTG CAGGAAAATG
460601 ATAGTATAGT TACAGTGTCT GGTTTGTATA ATGATGGACT TTCATCATTA
460651 TCAAAGGATA ATCTTTTCC AAATAGCTGA GATGGATGGG GAAACCAGTA
460701 CTAGCCAGGA AGCTACCCTT CAGCCTGCTT CCCCCATCTG CAAAAGAACT
460751 GAATGGATGG ATGATGTCCT ACAGCACAGT CCCTCCTCCT TCCACGTTGT
460801 CTGCTGTGCC TCTCCACTC AGAACAGAGT CACTAAAGGC TTAACAAGAA
460851 CAATTAATGC AGTGGTCACA GACCTGACCT CCTGTAGATA TCTGGATTCA
460901 TTTCTTAGGG CTGCTGGTAG AAAATGCCAC AGACCGGGCT GCTTTAACCA
460951 TAGAAATGAT TGCCTTGCA TTTCTGGAGG TGGAAGTCAA AGATCAAGGT
461001 GTTGACAGGG TTGGTTCCCT CTCAGAGCAG TGAGAGAAAA TCTGTCCAG
461051 GTCTCTCCTA ACTTCTGTTT TTTTGGCAAT CTTCTGCAT CTTGGCTTA
461101 TAGAAGCATC ACCCTGATTT TTCTTTCTCT TTCACGTGCG GGCTTCTCTG
461151 TGTCTGTGTC TGTGTCCAAA TTGCCCCTTT TTATAAGGAC ATGAGTCATA
461201 CTGGATTAGG GCTCACCCTA TTTACCTCAT TTCACCTAA TTGTATCTGC
461251 AATGACCCTA TTTCCAAATA AGGTCATATT CAGAGATACT AAGGGCTAGG
461301 GCTTCAACAT TTGATTGGGG GGGGAATACT TAATGTATAA TGATATTTTT
461351 TTCATTGAGG TATGATATGG TTTGGCTGTG TCCCCACCCA AATCTCACCT
461401 TGAATTGTAG TTCCATAAT CCCCATGTGT CATGGGAGGA CCCGGTGGGA
461451 GGTAAATTGAA TCATGGGGGT AGGTTTTTCC CATGCTGTTC TCATAATAGT

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461501 GAATAAGTCT CACAATATCT GATGGTTTTA AAAAGGGTAG CTCCCCTGCA
461551 CACACTCTCT TGCCTGCTGC CACGTAAGAC ATGCCTTTGC TCCTCCTTTG
461601 CCTTCTGCCA TGATTGTGAG GCTCCTCAGC CATGCGTAAC TGTGAGTCCG
461651 TTAACCTCT TTTTCTTTAT AGATTAACCA GTCTCAGATA CGTCTTTTAT
461701 AGCAGCATGA GAACAGACTA ATGCTAGGTG TTCTGGGTTT CTCTCTGTATA
461751 AAATTCTCAG TAATAACTAA CCAGATAAAA GACTGAATTG CCTTTTCTT
461801 TTTTTTAATA AGTGATGTGG TACTTTTATT CCCTGAAAAA AATCCTCTCT
461851 CAGCTGGGTT TGTGAAGTCA CAGTGACTTT CAGGTGCTTA CTGTTTTTAT
461901 TCAGACTAAA AAAATTATTA GGTGGGGGCT GGGGCCCTGT GGCTCAACGC
461951 CTGTAATCCC AGCACTTTGG GAGGCCAAGG CAGGCAGACC ACAAGGTCAG
462001 GAGATCGAGA CCATCCTGGC TAACATGGTG AAACCCCATC TCTACTAAAA
462051 ATACAAAAAA GTAGCCGGGT GTGGTGGCAG GCGCCTGTAG TCCCAGCTAC
462101 TCGGGAGGCT GAGGCAGGAG AATGGCGTGA GCTCTGGAAG GCAGAGCTTG
462151 CAGTGAGTTG AGATCGCGCC ACTTACACTC CAGCCTGGGC GACAGAGTGA
462201 GTCTCTGTCT CAAAAAATAA AAAAAACAAA TTGTAGATGG GTCTCCTTCT
462251 TGACAGGCAT TGAAGTAGTT GCTGAGAATG TAATGAAATG CTGGGCCATT
462301 GTCCTCAAGC AACTAGTAAA GGAACAAAC ATGTAAAAA TGTTCATGT
462351 AATGATTGAA ATATATACAC AGAACAAAAA AATTAAGTTG GCTAAAGTTG
462401 TCAATCTTTT TTTTTTTTTT TGAGACGAG TTTGCTCTTG TTGCCCAGGC
462451 AGGAGTGCAA TGGCATGATC TCGGCTCACT GCAACCTCCA CCTCTCAGGT
462501 TCAAGCAATT CTCCTGTCTC AGCCTCCCAA GTAGCTGGGA CTACAGGCGC
462551 GCCACCATGC CTGCTTAATT TTTGTATTTT TAGTAGAGAC GAGGTTTCTC
462601 CATATTGGCC AGGCTGGTCT TAAACTCCTG ACCTCAGGTG ATTCACCTGC
462651 CTCGGCCTCC CAAAGTGCCA GGATTACAGG CATGAGCCAC CGCACCCAGT
462701 CAGTTCTCAA TTTTCATAGT AAATTTCCAT AATTAAGTTG TCTTAAATGT
462751 GGATCTGAGT GTATTTTTAT GCTGTTTAAA CCCTTCAATA AGCTTCAGCT
462801 TGACATTATG AAATAGTCCA TGATTCCTAA CAAGACTTAA AGACTCTCCA
462851 CAATCTAACT TGTTTCCATG GCAACTTTCC CTGTACTCT GTGCTCCACC
462901 ATGGTAGCTC CTGGAATGTT CCTGGCCCTC TCCAGCATCT GGGGCCCTGC
462951 CTATACCTAG AGCAGGGTCG TCTATTTTTT CCATTCCATG GCCCCTCCCC
463001 TGTCAACACA TCAACTCCTA CACATCTTTC AGGCATCCAG GATCTTTTCT
463051 GATCACTCTC CACTCCTCCC CTACCTACCA TCAACTCCCA GAGCACTGAC
463101 TGTAACTTT ATGCCATTTA TCATTCATTT AATATATTTG TTTTCCAATA
463151 CATGGACGGG GACTCTGGGG AGCAGGAAGT GGGTCTCCCT TATAGTCCAT
463201 GGTATCTGCT GCATGGAATA CTGTGTCTGG CATGTAATAG GTGTTCAATG
463251 GCTGTTTTTG TAAATGAATG AATGAAACAT GCAACAGATC ATGGGGATTT
463301 GGGGATCATG TCCCCAAAT AAGCTTAAAA TTGAAAATA AAAATAGATG
463351 ATTTATTACC AGTCACAAAA AACTTAAAT TTAATATATC GTAGGCTAGG
463401 CATAGTGATT CAGCCTGTA ATCTCAGCAC TTTGGGAGGC CAAGGCTGGA
463451 GGATCATGTG AGGCCAGGAG TTTGAGACCA GCCTGGGCAA TATAGCAAGA
463501 GCCCATCTCT ACAGAAATTC TACAATTTTT AAAAATTTTA AATTATTGCA
463551 GAGCTCTTGG AAATGTTTGA AAGCATGAAC AAATAGATTG AAAATGACTT
463601 GGTAGTGACT TCTATTGGTG CCCAGAGAGC CCTGGGAGGG CCACAGGCAG
463651 ATAAGCAAGG CACTTTCCCT GCATCCTGCT GTGCCCTCCG CTCCTTCTCC
463701 TTGCCACTCT CTCCTGTGTG ATTGTTTTGT GTTTGATTTG CCTCCTACCC
463751 AGTCTTCATT CATTTACCTT CTTCCTTTTC CTGTAGCTCA CATGCATGGT
463801 TTGTCCTGAT ACGAGCACAC AAACACTAGC TGGATATTGC CCTCCGTGCT
463851 GCACGGCGGG TCCCTGTGCC CCGGAGCCCC ACTCCTCTC GGCTGCTCCA
463901 CACACTGGAA ACTGCATCTG ACAGAAAGAT TAAACGTCTG CATTTTATCA
463951 CCTTTGTTGA ACAAAGTCC ATGGCTTCTT CATTTAGGA GTGAGTTTCA
464001 TGTGTTGTTT TTTTCTTTGA AAATAAATCA GGTTTGACTT TTGGGGGCCC
464051 CCAAATGATT CCAATCTCA AAATAGGCTG GTAGCTGCCT GTGTCAGAA
464101 TCTGAGCTTT TCTGGGTCAT AATGCCAGTT AGCATTTCTC AAACCATGGC
464151 GCTGCTTTTG GGCCAGCAGA GTCCGAAAAG AAATAATAGG ATGTATGTTG
464201 TAGTTAGATG AGTTCATGCT GAGAAATACG TGTCTCCACA CGCAGAGATT
464251 TAAAAGGCCT GAATATTCAT ACGTCTTAT CAAAGCCACT CACTGGTTAT
464301 TAGTTCTTCA TAGCAAGTGA AAGATATGTA AATCCTCAGA GGTTTCATGGT
464351 ATATCCAGGC TGAATAAATC TGAACCTTAA AAAAGAATTG GCACATTGAA
464401 TTTTTCATAG ATGTTTATCC ATCTCTGCTG TTCACTCATA TAACAAGGTG
464451 TTTCTTTCTC AGGCTGCTGT CCTGCCTAGA GTATGGCAAA AGCCAGATG
464501 AAATTGCGAT TGCTTTGTCT CCAAACGTGA TTTGATTTAG CTTTATGTTG
464551 ATACCATTTA TCTTCTTTTG CTTCAAACAT TTTACATTGC CGAAGATGGC
464601 TTTGAAAGCA GAACCCACAC ATTTGGTATC ACTGCATTCA TTTCTCTTAT
464651 GTTTTGGCTT CAATTCAGTG CTTTTAATAT TCATGAAGGT TGAAAAAATA
464701 AACATCCTAG ACTATTTTCT CTGAATGGAA ATGTTATGTT TTTCAACCTT
464751 AGAGAAAACA ACTGGTAAGT TCTACAAACC CACATCTTCT CCCCCTCAGT
464801 TGGAAAGTGG CCCCAGCTTG GCAGAAGTCA CAGCCCCCTT GACACTCTGG
464851 GGCTTTCCAG AGCAGATGGC CAGGGGGCCT GTGTTAGGGA AGAGGAGAGA
464901 GTCAGCAGAC ATGAATATTT AAAGACTCCC TTTGGAATCA TAGATACTAG
464951 AACCTTTTCA GTTGATTGAG AATTATATTA TTTCTGTAC GAAGAATATA
465001 GAGGAATCAT TTATTCGGT GACTTCTCTG TGTTCAAATG AACATCATTG

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465051 AAATTTTTTC TTAGTCCTCT CTCCTTCATT TACATTGAGC CTGTATTGAT
465101 TTTTCATCCTC TCTAAAATTA GCTCAGCCAG TCCCTTCTAT ATAGAGAAGA
465151 ATTCCTATGG AATATCAGAG CAGGGAATAG AGAGCAAGAA CTCACGCAA
465201 ATTCGAAAGC CAACCTTTAA AGAGAAAGAA AATGATTACT CTAAATAATT
465251 AAAAGAAAAC TGATACTCAG AAGTGGTGTT TCAATAATAG AACAGTTGTA
465301 GGATTCCTGT GCCGTGGTAA CTCCGTGGAT TACCCATCTT GTTGACTTTC
465351 CGTCATATT GTCCAAGATG ACATTCCCAG ACTCACCAGC TCTCTTCTTC
465401 CCTCCCTTGC ATTCAGAGGG TGGTCCCATG CCTCAGGCTG ATGGCTGCAC
465451 TGTTTTATAA ATGGCAGTGA AAGTTCTCCC TTATTCTTCC ACAGTACAAG
465501 GTGAGCCTCC CTAATGTGAA AATACGAAAT CTGAAGTGCC CCCAAATCGG
465551 AAACGTTCTG AGACCTGACA GGATGCCACG GGTGAACAGT TCGACCCCTG
465601 AGCTCATGTG CTGAGTCGCA GTCAAAACAC AGATGCCTCT CTTTTTCAAA
465651 ACTTCTCTGT ATCATCTATC TTCTCTGTCT TTTTTGGGAA TCCCTGCAAT
465701 TTTTCTATGT GCTTAAGGCT AACAACTCT TCCCGAGGTT ATGTTCTGCA
465751 TCTCTGTGGC TGACTCACAA GCCGCTAACA ACCTCTTTCA TTCCTACCAC
465801 TTCCCACTGA GGATGCTGAA GAGACAAATA TGGGCATCCC CAGCCTCCAT
465851 CGTAAATGTG CGTGACCATG TGAGCCAGAG TGGGCTGGAG AGCACCAGGG
465901 AAGTCACCGG ACGTCCAGCA CGCAGGCAGA GCTGGTGGGG GCTGCCTTCT
465951 CTCCCTTCCC TGAAGGCAGA TGGGATGCCC GTTGCCATAG TGACCATCCT
466001 GGAACGGTGA GGCTGCAAGC AAGAGGAAAG GTGGCCCAACA TGAGGGTGGC
466051 GGTGCTAAAG CACTGAAAGT CCTGGGCACC TGAGAGCACC AAGAAGGCAG
466101 ATATATCCTT CAGAATTACA TTGGGTCAACA AATCAACCAC TGTTTGTGTT
466151 AGCCACTGTT TGCCGAATTT TTAGTTACAT ACAAACACAA CCTGATACTC
466201 CCTCCCATGC TACCCCTGAA CAAAATGAAG ATTTTCAAAA AACCTTGCCA
466251 GCGGCCGGGC TCAGTGGCTC ATGCCAGTAA TCCAGTGCT TTGGGAGGCC
466301 GAGATGGGAG GATCCCTTGA GCCCAGGAGT TTGAGACCAG CCTGGCAACA
466351 CAGTGTGACC TCGTCTCTAC AAAAAATAAA AAATTAGATG TGGTGGCGCT
466401 GCACCTCGAC AATGGCTGGA GCCCATGAGT TTGAGGTTGC AGTGAGCTGT
466451 GATCATGCCA GTGCACTCAA ACCTGGGCAA CAGAGCGAGA CCCTGTCTCT
466501 AAAAAAACC CAAAATCCAA ACCTTGCTTA ATCCTGTGAC TACTGTGACA
466551 TTTTAAATTC CCCTATCCCC ATGGGCTTTT CCCTAATGTC ACTGAACTTC
466601 CCGAACGTGA ACTCCCAAAA TGCTTTAAAT GACTGTGCTC TGTTGCTCCA
466651 CGGTTCTCTC CAGCTTGTAG GTAGGGCAGC CCCACGTGCT CCTGTGCTGC
466701 CCCACGTGCC TTTGCTCCTT GCACAACGTG GGGCTTTTCT CTCATGGGTC
466751 ATGAGGGTCT TTCTAGTCTC TGAGACCCAT AGGTCTTGC CTGTCTGCCC
466801 CTTAGCCTGC CTGCAGCATT TAATGCTGTT CTCTCTCTCC TCCACGCTGA
466851 CACTCTCCCC TCACTTCTGC ACTGCACCTG GAATGATCTT TTAACAATGT
466901 GAATCAAACC ATGTTCCCTC TCTCTTTCAA ACGCTTTAAT GATGTAGAAT
466951 TATACTTAGA ACCCAGATAC CTGCTAACAA GTCCCAGTCT GGCCTGGCCC
467001 TGTCTGTGTA GCTTCCCCGT AAAGCACTAT CTGCCCACCT CCGCCCCCAT
467051 CCCCCACCCC GCCCAGTTCC TCCTGTGCAT TAGGCCTTGC ACTCAGGGCC
467101 TTTGTGTGGG CTATTGCCTC TGTGTGCAGC TCCCCAAACT CTCTTGCCAA
467151 TTTCTGCACC TTCTGGGGGA CTCAGCTCAA ATACTACCTC GTGAGGGAAT
467201 CCCTAAGCCC TCTCTGCAAT GGCAATCAAAA TGCTTTCTTT CATTGCCATT
467251 TATGACAAGA ATGTTAATTG TGTTATTTGT TTCGTGTTAA CATGTTTCCC
467301 CTTCCCCAGA ATGTAAGCAT CTTCAGATGA GGAACCTTAT GTGGTTTTTT
467351 TTTGCTCATT GTGTGCCAG CAAGTGGCTC AGTGCTCTAC ACATAACATG
467401 GGCTCAAAAG TATTTTTTGG TTGGATAACA AATGAAGGCT CAGTGCCATC
467451 TCACTGTCTG TCAGATAGAA TCTCAGCCAC CCAGCTGCCA TGCATGGGCC
467501 TTAGGGTCTG GCTGCAGCCG ACCTGTCACG CCTCCTCCAC ATCCCCCACA
467551 TGGGAGGAAC TACTCAGCCT TGCCGCCGGT GTTCTTTTCG TCCTGCTGGT
467601 CCTGCCTCTC CAGCTCCCTC CTGTTGCTAT TTTAATATGA AAAGTGCACC
467651 CACTTTGACA AGACCAGTTC ATGACACATT TTGGATTTGT CCCCACCCAG
467701 AAGTGACCTC TGCTTCCCTT GTTCTTCCAC AGTACAGGGT GAGCCTCCCT
467751 AATGTGAAAA TCCAAAATCT GAAGTGCCCC CAGATCAGAA ACTTTCTGAG
467801 ACCTGACAGG ACGCCACGGG TGGACAATTC CACACCTGGG CTGATGTGCT
467851 GAGTCGCAGC CAAAACACAG ATGCATAGAA CACGGTTTCA TTAACGTCCC
467901 TAAGGGAAAA AGAAAATCAC CTTCAGGTTA TGTCTGTGAG GTATATATGA
467951 AATGTAAATG AATTTCTGTT TTAGACCTGG GTCCTATCTC CAGGATACCT
468001 CATGATGTAT ATGCAATTAT TCCAAAATTC AAGAAAATCT GAGCTCCAAA
468051 ATACTTCTGG CCCCAGCTT TCAATTAAG GGATATTCAA CCTGTATATT
468101 GCTTTATCTT CATTATGGCT CCTGTCTTAT GCTAAGCAGT TCGAATGTAA
468151 GATGCCACAG AAGTGACTGT GCCCCATGGG CTCTGGTGTC ATCCCCCACC
468201 CCCCTCGACT GACGAGTGCA GAACCTTGTT TGACAGGCAT GCTGGATAAG
468251 CAGTGGGCTG TGATGGTGGG TGCTCTGCCC GTCGTGAGGC TGAGAGCACT
468301 GAACAGTCTG CAATACCTGA ACCAAATGGA AGTAAATTAG AAGGAGCTTG
468351 AGCTGGGGGA AGAATCTTGA AGCCCGTGGC CAACGTTGAA AAGAGCCTTC
468401 ATCAGAGTGT GAAGTGGCAT CCAAGACAGG GAAAAGCCAG GGCCAGGTGC
468451 GGTGGCTCAC ACCTATAATC CCAGCACTTT GGGAGGCCGA GCGGGCGCTT
468501 TCACCTGAAG TCAGGAGTTC GAGACCAGCC TGGCCAACAT GGAGAAACCC
468551 CCGTCTCTAC TAAAAATACA AAAATTAGCT GGGTGTGGTG GCGGGTGCTT

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468601 GTAATCTCAG CTACTTGGGA GGCCGAGGCA GGAGAATCAC TTGAACCAGG
468651 GAGGTGTAGG TTGACGCAAG CCGAGATCAC GCCATTGGAC TCCAGCCTGG
468701 GTGACAAGAG TGAAACTCCA TCTCAAAAAA AAAAAAAGA AAGAAAGAAA
468751 GGGGAAAGCT GGAGAGTTGA GGTTTGGGGA CCTGTTATAT ACTTACCCAC
468801 ACAGTGATGG ATGCTCCCCG TACAGTAGAA AAAATGTAGC ACGGAAGCAC
468851 GTCAGCTTAG CTGGCTGAGC AGATGTTGTG CTGAATGTGG ATCTCAGAGG
468901 GGAACAGAAA GGAAAAAGGC CTCTGGTGTG GTCCTCAGAA AACAGCACCT
468951 ACCTCCAGTC TCTTGGGATT AGCCAGAGAA GAAACGCCAG GGAGCATTTT
469001 GCTTGGGGAT TCCTTGGTGT CTGTTTTCCT GCAGCTTCCC GCAAGAAAGA
469051 ACCCTTTTCA TCACTTGAGT AACCATTGCC CCTCCCCAC AAAGGAAAAAT
469101 AAACAGGAAA ATTTCCCTCT GGGGTGGCTC TCGAGCATCA GCTGTAGCTG
469151 CTGTAGCAAA AGATCAAACC CAAATACTTG CACCTTGTGG TCATTGGCAT
469201 CAAAGGCTGC AGGTTTTCTT TCCACCTAAT TTTAATATGC TTGTGAGCCT
469251 TGGGAGGCTT AATTAAAACT GCAGGGGAGC CAAAGTAAGC ACACAAAGGA
469301 ACTGTTTTGA TGCTTCAAAA ACCCAAGCAA ACAGAATCTG GATTATTCAA
469351 TTAGGTATGC TTATGGGATT TGTCTGGGT GTTTTGATTG CTCAAAGCCT
469401 GCTGGGGAAG TCAGTTATGA GGTTTAGACC TGAAAGGAAC CATAGTTAAT
469451 GCCCCCAAAA TTTCACTTT CATCTCTTA GTTAGGCTTC CCGTTACCAG
469501 TGCATTGTTG TGAGCTGTGC ATGAACTTT CTTTTTTTTT GAGACGGAGT
469551 CTCACCTCTG CACCCAGGCT GGGGTGCAGT GGCGTGATCT CGGCTCACTG
469601 CAACCTCCGC CTCCCAGGTT CAAGTGATTC TCCCACCTCA GCCTCCCCAG
469651 TAGCTGGGAG TACAGGTGCA TGCCACCACA CCTCGCTAAT TTTGTATAT
469701 TTTGGTAGGG ACAGGGCTTT GCCATGTTGG CCAGGCTGGT CTCAAACTCC
469751 TGATCTCAGG TGATCCGTCC ACCTTGGCCT CCCAAAGTAA TCCCCAAAGG
469801 GATTACAGGC ATGAGCCACT GCACCTGCCC TGTGTGTGGA TTTTATTCC
469851 AACTTCTGTT TCCTCAGCTG CTCTCTAC AGATGCCAGA TAACATGGCA
469901 GGGTCAGCTC AGTTTCCCAT CTTAATTTT TGCCTCGCTT GGTGGGGATG
469951 TTCTTGGATT CCCTTCTAT TTTCCCTGAT GGTTTTGGCT ATGCAGGATA
470001 GCCTGGCAGT TCTGAGCACA GGATCTCTAA GCTAGACCGC TTCTGTCTGC
470051 TTGGCCCCAG ACATATCACC TAATCTCTT ATGCCTCTTA ATACCATCTG
470101 CAAAATGAAA TTCAAGATCA CAGGGTTTCC TCTGTTAATT CAGTTTCTTT
470151 TTTTTCTTTT TAAATTCATG TTAAGTGCT TAGCACAATG CCTGGCTCAG
470201 GATGAGTGTT GAGTAAATGA CAGCAGTGAT CGTGATTACA CTAGGACGTA
470251 GGTAGGTGCC TATCAGTCAG GTGTAGCCAG TGGTTATGGG AAGACTGGGA
470301 GGGTGACAC CTAGGCCTTC CCAAGGGCAT GGGGGTAGAC CCAGCTTCAG
470351 TGCTGCACTC AAGCCAGTC TAAGGCAGCC TCAAAGGCCA CGTGACAGAT
470401 ACTCACACAA GCTGAAGTTG GTGGAGTGTG TGTCCACGGG ACTGGCTTAC
470451 CCAGAGTACA TTTCAGTGA CAAGGACTCT TGCAGTGAGC TTGGCTGCAG
470501 CTAATTTGTC ATTACATCAT GAAACTCTCC CTCTGAAAAT GGAACCTAGA
470551 GTCCAATTCA CAGAGGAATT TATTGCCAAG ATCACAGCCA CAGCAAGACC
470601 TGGAGGCAGG CAGCTCTGTC TCTTGGGGCT GAGTCAGTCT GGGCTGATGG
470651 TGAGTACCAT GCAGGACCTT CCTAGAATGT ATGCTTGTAG CTAACCAGCT
470701 CCAAATAAAC TCATATGCAA AGGCCTAGGA GGAAAACTAC CCAAAAGAAA
470751 AGGTTTACCT GATGCTAACT TAAGAATCCA AATGAAAATA CTTAGTGTCA
470801 GTTGCTAACA GTTTATGAAG TGGTGTACC TGTGCTGGGC CTTAACTTCT
470851 TTTCCAGATG TTTCTACCCC AACAAAGCAG CCTGTATAGG ATTTCTAGTA
470901 TGTACGGGTA GGCTGTGTAG AAAACAGCTT CCCTTTCATT GTCTCTAGTG
470951 AATCCATTAG GTAAGTGCT GCCTGTGACA GAGCAGCCAC TGAGAATACA
471001 GGGATGTAGA GAACGTGTAC CTCACACTAG GAGGCTGTCA GTCTAGTGAC
471051 GAAGTGAGTA CACATAGGCA TGGCATTGAG CTGATACAGA TCGCAAGGCA
471101 CAGTGGCAGG AACACGCTCT GCAGGCTGTG CAGCCTTGAT TCCAATGGTG
471151 GCTTTTACCT CCGGTCAGCA GTGTGACCTT AGGAAGATTA TTTGACATTT
471201 CTGAACAAAC CATCCTCATC TACCAAATGA AGGATAACGC TCTTGTGGTA
471251 AGGCCACCAT ATGTATTAAA TGAAGGGAAG GCCAGTGACC AGCACAGTGC
471301 CTGACAAATG GTCATCATAC AACAAATGGT GGCTCTAGAA CTGTTACCAT
471351 CATAGAGGAA CACGGGAGGG AGCAGACCAT TCTACCTGGA GAAGCTCAGG
471401 CAGTGTCTCT TCAGCTGTGT CTTGAAGGAG GAAGAGGAAT TCTAAAGGCC
471451 AGAACAGTGG TGGAGGGGCA CTGCCAGCTG AGTGAAGACG GGAAAAGACA
471501 AAGAAAAAAA ACAACGTTGA GGATTGTAAG AAATTCATAC AGTTCGGTGT
471551 GGCTGAAGTG CAGGCTGCTG GTGACTAAGG GCCAGGAGCT GGGTCTGAA
471601 TGAAGGGGCA AGACCAGGAG TGGACTCAGA TACCATTCTG GAGAGTTCGA
471651 TTTGCCAACT TTAGCAAGAA TGTGCCAAAA ATCCCAGCTA CTGTTACTAA
471701 GTGCTAAGGA TGCTACTAAG CTAAGCTATA TATATATGTA AAACATTGGA
471751 TGTCCAGCAA ACACCTACA AAGATGACAC TCTGTTTTAC AAATGAGTAA
471801 ACTCAGGCTT ATGNGAAAT AAGTTACTTA ATCATTAAAC TCACCCTATT
471851 AAATTATGGT GGATTTGGGC AGCTGCCTCC CTGAAGGACA TGTGTCTCA
471901 GTTGATATTT CATGTAAAT CTGTTGTCTT GTTTTTCGGA TTCATAATCA
471951 CTCATTGTTT TTCTACCTTG GTACAGCAAG CAAATAAACT CTCACCAT
472001 GTCAGACTTG AATGAGTTTA GTCAACTTCC CCTGCTGGGC AGTTGATTAG
472051 ATAGAAGGAG AAGTGGCTCA CTATTATAGT GTAATTTTCT GATACAAAGA
472101 TTCATTTTTA CTTGGTGTCA GTCCATTTGC ATTGCTGTAA AGGAATACCT

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472151 GAGGCTGGGT AGTTTATAAA GAAAAGAGGT ATTTTGGCTC ACAGTTGTGC
472201 ACTCTGAACA AGAAGCATGG TACCAGCATC TGCTCCTGGT GAGGGCCTCA
472251 GAAAGCTTCC AGTAATGGTT GAAGGCAAAG CGGGAGCTGG TATATCACAT
472301 GCAAGGGAGA GAACAAGGGG TAGGGGAAGC ATCACACTCC TTTAAGCAAC
472351 GAGATCTCCT GCAAACCTCT TACCATGGAG AGGGCACCAA GCCATTAGTG
472401 AGGGATCTGC CCCCATGGTC CAAACACCTC CCATGAGACC CCACCTTCAA
472451 CGTGGGGGAT CACATCTCAA CATGAGATAT GGTGGAGGCA AACATCCAAA
472501 CTATATCACT CCCCAAATCA AGCATTATAT TAAAACTGC AACTATATT
472551 TTAATTTTTC ATGATAGATA TTAGGCTTGA GTTGCAAGTA ATATGAGACC
472601 TTTAGTGGAG GTTAAGCCTA AGGATTTCAT AAAATTTTGA ATGTCCCCAT
472651 AAACAAGATT CAAACTAACT TTAGATGAAT CATCCTCAGT CAAAAGATGG
472701 GAAAGTAGGT GTTAGCATCA GCCTTAGAAA TGGGGTATGT CATTATCAA
472751 GTACCCAGAG TCCTATAATC TGAATTCCTG CTGTCACTCC CACCCTTCAA
472801 AGTACCCAAC TCACATTGAT TTGGGATGAG TTCTAAACAG GTGTTTCCTC
472851 TGTGTGCGAA ATGGTTTGAA CTGGAGCCTT GCATACCTCT GGCATGTTCA
472901 TCCAGACCCA GCTGATGCTC ATGAGCATGT ATGCTCATCT GACGGCCAGT
472951 CCTTGCTGAT TCCCACGTTG GTCAGCACTG GACACAGAAC AGATGTTGGG
473001 GATTATAGGG AAGGATTCGG GAGGCCATGG GCCTGAGTGT CTGCGGAAGT
473051 CATTCACTGT GGAGACGCAG ACAGGCCCTG CAGAGTCTTC AGTGAGAAGT
473101 TCGATTAAAT AAGCCTCAAT GGGCCTGCGT ATCAGGACGC AAAACAATG
473151 TTTTCCAGGT ATCCCTTAAT TGAAAGAAAA ATAATAAATC ATCATCTTCA
473201 AGTCAGGCTA AATGAGGAAG GGAAATAATC CCAATCCCAC AAGTTTTTCA
473251 CTGACTTCTA ATCTAGGAGT TCATTAGTGG GATCATGGCA CGTAAGCATC
473301 CGAGTAGAAT CCTCTGATTA ATTAATTCCA TGAGGAATCA TCGGAAGACA
473351 GTTTGCAGAG CAGAGGGAGG CTGACTGCCC CCGTGGGAAA ACTCTTTTAA
473401 GGTGGGGCCC AATTTTCCCC AATATGACAC AGGACTCTTT CTTCCTGGTC
473451 TGTCTGTGTT GTCTTGAGT TTCTTTGTCA AGCTGCTCCA CTGATGGTAT
473501 TGTCTACACC TCAGCTACCT GTCCAAGACA CTCTCAGAGG TCTGAGGCGT
473551 GGAACCTCTG GGGCTATGAA AGGGTTTAC TTTTGTCTGA ACCACCCACC
473601 TACAGCCCTC CGCTTATGTA AGCAGCAGAA AGCTCACCAG AGGTGGCTTC
473651 TTGTTTCCTT CAGTGTTTCC AAGTTACTCT GTAGACTTAG TGAACCTAAG
473701 CTTTGCACCT CTCATAGCTG TGTATGAGTC TTTTCTGCG ATAAGCATAG
473751 AAATGTTTCA TCTCAGGAGA AAGCAAGTTG GTAATAAGGA AAACAAAGCA
473801 ACTGACAATA GTTGATTAAT ATTTTTTAAA GAAGAGGGGA TAAAGGACAC
473851 ATACACTCTG ATGTCAATTGA CATTAAATGC CATACAAAAA CGCAAGTAAA
473901 ACTATAAGGG AAAACAAAAT GTACCCTTGT AGTAAATATT CTGTGAACCA
473951 AAATCTCAAG TGCAGTCATA GAAGTCATTC ACTCAACTTT TGTGGCATTT
474001 TATTTTCTTT GCTTTGTCTT TCTATTCTTT CTTTCTTTTT TTTTTTTTTT
474051 TTGAACAGCC CAATGTAACCT CCATTGGTTG TGTTTGAAA AATGAAAGAA
474101 AAGGCTAATT ATTGTCCTTT GCTTTTCTTG CTCTGAAAAC AGCTTCCATT
474151 CTCCACAATT AATGGAGAAA TATAAGAAGA CAGTCTTATA TAAGCAAAG
474201 AAATACCTCG GGGCCTTTAA CAATTAAGAG GGACAAAGAC AGGCGGGAGC
474251 GGTGGAGCTT ACCTGTAATC CCAGCACTTT GGGAGGCTGA GCGCTGGCGA
474301 TCACGAGGTC AGGAAATCAA GACCATCCTG GTTAACACGG TGAAACCTCG
474351 TCTCTACTAA AAATACAAAA AATTAGCCAG GCATGGTGGC AGGCGCCTGT
474401 AGTCCTAGCT ACTTGGGAGG CTGAGGCAGG AGAATGGCAT GAACCCGGGA
474451 GGCAGGAGCT GTAGTGAGCC GAGATCGCG CACTGCACCT CAGCCTGGGG
474501 GACAGAGCGA GACTCCGTCT CAAAAAAGAA AAAAAAAGAA AAAGACCAAA
474551 GACATAGGAA AGGAGGTCTA GATGATTTTT ATGAAGAGTA TATATCAAAT
474601 ATTATTTATA TATTAATCCA GCTTTAAGAT GGGAAATGC TATAAACGTA
474651 GGAAGTTCTC CATAGAAGAA TCAGTCAAAA GTATTCTGT TTGCTCATGT
474701 CTAAGAATTC TGAAACTAGG GAAACTGTAT TGAAAAGATA AATTGAAATA
474751 TATTGGAACG GGAATGTAG CTAAAGTGTT TCCATTAGGG TACAATGAGA
474801 AAAACTGGAT CTGTTTTATG TAAATTTTCA ACAGTGACCT GGTTAAAAAA
474851 AAAAAAAGG TTGAAGTACA TTAATTAAT TACAGAGGCC AGAAAAGGTG
474901 AAGACCCAGG AGGTTAAACA TAGAAAATAC AGATGGACTG AAAGAGATGA
474951 GAGGAAACGG ACAGACTTTT ACAGCATGAT ATTCAGCTTG GAAATATGCG
475001 GGAGAATACG ACAGGGAATA CCAGCCAAAA GTCAGATAGC TAGTTTTAAAG
475051 AAAAAAGTTAA TAAAACGTTG AAGTCTGAAA AACTGTACAG ACCAAAGCCA
475101 GGAAATTACA AAGTTATGGA TCCCGCAGTA ACTGTAAATT AACCCCATTG
475151 CACATATGTA GTATTTTACA TTACCGTCTG TGGTGTAAAC TTTCATGCCT
475201 AAACATGCAT GTGTGTGTGT GTTTCACCTG AATTATGGTT GTAAAGGGAA
475251 CAAAGGTGCT AACAGGACAC GGAATGGATC GCCAGCTCCT TTCATGGGTC
475301 TCCCAGGAGC CTCTAGGCCC AAGCTGCTCA TCCACCATGG AATAGAGCAA
475351 GCAGGGAGAC ATGCTTTGAT TCAAAGAGTG TTCTCCAGAG GGGCTAGGAA
475401 GAGACACCTG TTTCTTGACA ATTATTAAGG AAGTCGTGAG TGTCGTGGGT
475451 AGATGGAAGG ATGCTTGCAA CACGTTCAG AGACAATGCA TTGGATTTC
475501 ATCATCCCTT CTCTTTTCTT TTTTTTTTTT TTGAAATGAA GTCTCACTCT
475551 ATCCCCCAGG CTGGAGTGCA AAAGCTTGAT CTTGGCTTAC TGCAACCTCT
475601 GCCTGCCTGG TTCAAGCGAT TCTCTTGCCT CAGCCTCCCT AGTAGCTGGG
475651 ATTGCAGGCA CGCACCACCA CGCCCGGCTA ATTGTTGTAT TTTTAGTAGA

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475701 GATGGGGTTT CGCCATGTTG GCCAAGCTGG TCTTGAAGTC CTGACCTCAG
475751 GTGATCCATC CGCCTTGGCC TCCCAAAGTG CTGGGATTAT AGGCATGAGC
475801 CACCACGCCA GGCCTTCTCC TTTCCTTTGA TTGCCTCATG GGAAGTACTC
475851 TCTCTTTCAC CAGCGTGCTC CTTTACCCC CATTTTTCGC CTCCATACCA
475901 CAGTTTGTCC TCTACATACC CCTTTGTCTT GGAGGGCTCG TTCCAGGTGC
475951 TAAGAGGCAG TGCTTTCCTT TTAGAGCTTC CAATCTATGG ATCTGGTTAT
476001 TTGTTTGGCC GTTTTGGTTG ATTTTGTAA ACATTTTSTA GTCAACTTAC
476051 ATGGTGTGCT TTCCAACACA TCTCTCACTT CAGGCACAGG ACCAGGACGG
476101 AGGAGTCCGC AGCCTCCCTG AATCATTGCT CAGGCCTCTC TTCTGGTTCA
476151 TGTGTCTGCT TCTAGCGTCT TCCACCTTTT CTCATCACAG CAATGCGGTG
476201 GTTTGCCACT CTCTTCCCTG ACTTTCGCCA TATTGGGGAT GTTTTGTGCC
476251 AATGTGGAGA CTCCTCTGTT ACCATGTCTT CATACTCTTT TGACTTCCCT
476301 GGCTCCTGGG AGGGCCATGT CCACAATCA TTCCCATCCC TTGGCAGGGC
476351 TGGCCCTCCA CAACCTGGAA TCTGTGTCAT CCTCAAGATC TTAGCATCCG
476401 ATTCCCCGAC TCACAGCCAT CCCTGGTTCG GCTGCCTCCT GCCACCATCC
476451 CCACTGAAAC TGCTCTGAAC TTTTCACTGC CATTGCCAAC CTCTCTGCCT
476501 TTGCAGTTTG ACGTCCACTC TTACCAGTTC TCCCAGGCTT TCGCCTTTCT
476551 TCTTTCAGT GGGGCTCCAA AACCCTTGT GTAGGTGGGA CATTTCTTCT
476601 TGTCTTAAC TCCCTGCCC TTCTTGGTTC TGGGTTTCTG CCCTGTCGTC
476651 CCCACCATCT GCTTGACTCC GTGCACTCAG GCTGCTCCAC GTTTGGCGAA
476701 ACGTGAAAGG ATGTGGATCC TGCCCTCAGT CCTCGGGAGC GTGAAGGGCT
476751 GTGGCTCCTG CCCTCAGTCC TCGAGTGGCA CTGGCAGTTG GGCTCTCCTT
476801 TGCTGACTTC CCGTGCCTGT CACAGCAGCT TCCAGGGGCT GGACTCCTCT
476851 GCTCTTCATG CCGAACTTGA CTCCGCCTTC TGCTCACCAC AGAGAGTGAG
476901 GCCCCTTCCC GGTGGCTCTT CAGCGTCTCT CTCGCCACCC TGAAGCCTC
476951 TTCCCAGAGT CCTCTGTGTA TGCTGATGCC TCCCATCTCC GAGTTAAGAC
477001 CTGGCCTTGG CCTTCAGAGC TGCCGCTTTC AACTCCATTG CTGAAGCTGT
477051 TCCTCTCCTC ACCCCAGGGC CTCCCTGCAC CACTTTCCTT CTTGAGGTTT
477101 TACATTTCAA GACCTTCTCC CTCTGCCCG CTCTCTGCTG CCTTCCCGTC
477151 CTCTGGGCAG GCCCACCAGG CCTTTCCTCC ACACTGACTC ATGCATATTA
477201 CCGCCCCCTG TCCCTCTCCC TCCTGTCTCT CCCAGAATTT CCTTCACTT
477251 CACAGCACAG GTCCCACTGA CGAGGACTTC ATGGAGGGCT GGCTGTTCTT
477301 CTTCTCCAC CTCTAGCAT AGCTGTCACT CAGGTTCTGG TCACAAGCCT
477351 TTGCCCACCG TGTGCTCCTT TCCTCTGTGA TCACATGCAT CTCCATGGGT
477401 TCACCCCTCA GCAGGTGCAG GCGGCCCTCC CCACAGAGGA CTAGCCTGGC
477451 CTCTGAGAGA GGCTGAGAGC TTGGGCTCTA GGGCCTTGTT GGATGCTGGC
477501 TCTGCCACGA TCCTGGCCAA GCTCCGTGAC CCATCGTGCC TGAGTGACCT
477551 CACCTGTGAG AGGAGAATCA ACAGCAACGT GGGTTGTGAG GAGGGTGAGC
477601 TGAGCTGATT CACAGAGAGG GCTGGGCACG TGCCATGGTG TGCGGTAGCA
477651 GTAGTCCACG TGGCTCTTTC CTCACTGTCA CAGCCGCCCT TCTCCGCCA
477701 CATGGGATCC ATCTTTGTGG AGCACTCCAC ACCACAATT CCTCAGCCTC
477751 TCTCCAGATC GAGAACTTTC TGAATCTCC AGGAAGGGAG ATCCACGGAG
477801 CTTCCAGGCC GCTAGTTCCA CCTCCCCCGA GTACTGCTCC TGCTTCCCTG
477851 GGGGACACTT CCCCCTCCCA TCTGGCTCTT GCTTGACTTG TCCCCTCCAC
477901 TACTTCAGGG GCCTCCTCCT ATGCCTCCCA GATCCTGTCT GCCCTTCAGT
477951 TGCTCTCATA GCTGCTGCCT TGGTGACTGT TCCCTGTTTG AAACGATCCC
478001 ATGGCTTTCT GTTGTGTCCT GAAGGAAATC TGAGCTCCTC AGTTTCAAGC
478051 CCCTCTTTCC TCACAGGCTT CCCTCCCCCT CATGCATGGC CTAAACCCAA
478101 GCACACTGTT CTCCTGCAGG AAGCACCTCT GTAGGAGGCA GCGTGTCTGG
478151 CCGTCTTCTG GCTGCAATGC TCTTCTTACC TGCGCTGAAA TGGATCCTCA
478201 ATGAACCCCA CACAGGCGTC TCTCCAGAA CCGGTGTGAC TCTGCTCTGC
478251 CCTAGAAGTA TCTCCTCACC CGTCCCATCC TGACCAATTG CTGCTTGAGG
478301 ACAACCACTG TCCCTCTTGT TCCCCTATATA GTCCCTGGCAG CAGCACACAC
478351 TGAATCCAAC TGTGGTGACT TCATGCCTGT GTCCATTCTT TAAACCAGCA
478401 CTTCAAGGCT CACACCAAGC ACCAGGGCAG AGAGTGAAT GTATCAAAAT
478451 TGTGGCAAAT TTTGCACCAA GAGACAAAAG TCCAGGAATT AAATAAGTGG
478501 CCTATTCAAA TATTAACATG CCATTTGCTT CATATCTTTT TGAATAATAA
478551 TAAATGCTG ACCACATTAT ATGAGTCTCC TTCGTTGTCC TCCCAGTCTC
478601 ACTCCCCTTG AGATAGAAAT GCTCTCGTTA CTTTACTGTT GACTGTTTTC
478651 ATGCATGTAT TCTGCGTGCA TAAACCTATA GAAAATATTA ACAATACACA
478701 GTGCTAATCA TGCAGGTTTT TGAAACTTTA AATAGATTGT ATTATATGTA
478751 CTCTTCTTCA AACTGGGTTT TAAAAAATAA CACTGTTTTT TGAAGTTTAT
478801 CATAGTGATA TAATTGTAGC ACATTCCTTT TAATGCTGTT TTCCATTATA
478851 TAAATTTGCC AAATTTTTTT TATTCTCCCA TTGATAAACA TTTGAGTTTC
478901 CTTTTTTTCC CTACAGTTGC CAGAAATGCC ATAGTGAACA CTCCTGAACA
478951 TATCTATTG TGGACATGAA TGAATTTCCC AAGAGGGCAT AATCTGGAAT
479001 GAAATGCACA TTGCAAAATT CTCAGTCTGT GGCTTTTCTC TAACCTTTTT
479051 TATGGTGTCT TTTAGTACAA AAGTTTTCCT TTGTTAATGT AGGCAAGCTT
479101 ATCGATTTTC TTTTTTTTGG AGATGAAGTC TCGCTCTGTG ACCCTAGGCT
479151 GGAGTGCAGT GGCATGATCT TGGCTCACTG CCACATCTGC CTCGCGGGCT
479201 CAAGCGATTG TCCTGCCTCA ACCTCTCGAG TAGCTGGGAT TACAGGTGCG

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479251 TACCACCACA CCCAGCTAAT TTTTGTGTT TTAAGTACAG ATGGGGTTTC
479301 ACCATGTTGG CCAGGCTGGT CTCAAATCCC TGTCCTCGGG TGATCCACGC
479351 ACCTCGGCCT CCCGAAGTGC TGGGATTACA GGCGTGAGCC ACCGTGCCCA
479401 GCCAACTTAT CGATTTTCTT TCATGGTTTC TGCTGTTTGT ATGTTCTCTA
479451 AAAACTAATC AAGGTCATAA AGATGTTCTC CTATGTTTTT TTCTAAAAAT
479501 GTTGAATGCT TTTCACTGTG AGCTCTGTGC TCTACCTGGA AGTAACATCT
479551 GCCTGTGGTA CAAAGTAGGT CCTGATGTTT TCCATTGGGA CGAGTAGTAT
479601 TGCCTTTTTG CCAGAACTCC CTCCCCTGTC CATGGACAGG GCATTTGCTA
479651 GATTTCAAGC ATTTGCCAGT GAGGTTTTTC ATGTCCCCGC TGAGAGTCTT
479701 GGGCATTGCA CAGAAGGGAG GGGTCTGAGC TGGAGCCCTT GTGCTGCTCT
479751 GTGTGCTCCA TTAGAGGAAC GAGAGCATGC GCCTCCAGGG TTTGAACCTA
479801 GGGAGCATCT GAGATGGTCC AGAGTGGGCC ATCTGGAGAG GCATCCTCTC
479851 TCCAGAGATT CTCAGAACA TAATAATACC TCCAGGATAG TTCAGCCGTT
479901 GCAAGCTTGA AATCCCTGGA GAACTGCTAT GCTGTCAACT GGAGGCTTCC
479951 TCTCCTGGTA CAAATTACTT CCCTTTTATA AAAATGATTG TAGTCATGCA
480001 CGATGTAACA ACGTTTCAGT CAACAGCAGA CCACACATAT GACCAGGATG
480051 GTCCCCTAAG ATGATAATGC CATATTTGTA CTGTACCTTT TATATGTTCA
480101 GATGCATAGA TACTTAGCAT TGTGTTACAG TTGCCTACAA AATTCAGTAC
480151 AGGAACATGC TGACAGCTT GTAGTCTACA AGCAATGGGC TATAAAAGAT
480201 AGCCTAGGTG TCTAGTGTGC AATCCCATCT AGGTTTGTGT CAGTACACTC
480251 CAGGATGCTC CCACAACAAC GCACTCACCT AACTATGCAT TTCCCAAAAT
480301 GTGTCTCTAT TGTTAAGCAA TATGCATCTG TATTTTGTAA CCTGTCGATC
480351 TCTGCCTGTA TGAATTGAAA ACGAATGTTA TTTTCGCTTC ATAGATCCCA
480401 ACTTTAATGG GACTTGTA CTACTAAGGAAT AGTGAGGAAC CGTGAAATCC
480451 AATCAAACCT GGCTGCCTGT GTAGACTCCC AGCCTTCTAT TCATGGATAA
480501 GCTGCATGTT GCTTATTAAC TGAGCACCAA GATGTAGCAG CTTTGCTTTA
480551 TTGCGTAATG ATGCATGACT GCTTGCTCAG TTAGCACAA TGTGTGTGTC
480601 TGGAGGAATA GAGAAATCCT GTGGAACAG TCCAGTTATT ACGTTTATTG
480651 TTTTAACTG TTACATTTTA AGCAAAATAG AAAAAGACAA GGGTCAGAAA
480701 TATAGTAAAA TAATTAATTT ATGTATGGTA AAGTCAGACT AGGATTACTG
480751 GGCTAAAAAT TGAAGCTGGA CTATACAAAT TTAAGGCTT CAGTTGATT
480801 AAAATGAAAG TATTTTAAAT GCTAGCAAA CATGATATAG AAAATATTAT
480851 TAAATGATGA AGTATTCAGT AAAGCCATTG TCTGTTAGGC ATATAGGCCT
480901 GTAAGAGCTG GCGGGGTGGC TCACGCCCAT AATCCCAGCA CTTTGGGAGG
480951 CTGAGGTGGG CGGATCACCT GAGGTCAGGA GTTTGAGACC AGCCAGGCCA
481001 ACATGGTGAA ACCCGTCTC TACTAAAAAT ACAAACATA GCCAGATGTG
481051 GTGGCATATG CCTGTAATCC CAGCTACTTG GGAAGCCGAG GCAGGAGAAT
481101 CACTTGAAGC CGGGAGGCAG AAGTTGCAGT GAGCCGAGAC TGCACCCTG
481151 CACTCCAGCC TGGCAACAT TCGTCTCAA AAAAAAGAAA AGAATACAGG
481201 CCTGTAGAAG GATTGCTTAA GCCCAGGAGT TCTGTAGTGT GTCATACCAG
481251 TAGGGAATCT GCACTAATTT GGCATCAATA TGGTGACCTC CTGGGAGCAG
481301 GGGACCACCA GGTTCCTTAA GGAGTGATGA ACAAGCCCAG GTCAGAAACA
481351 GGTCAGTGAA AAACACTACT GCTGATCAGT AGTGGACTCA CAACGGTGAA
481401 TAGCCACTGC CCTCCAGCCT GGGCAGCATA ATGTGAGTGT ATTTATCGCT
481451 AATAAAAAAA TTATTTAAAA AATATGTATC TCTGACACCA TGGGACAGGC
481501 ACTGACTCTT GAATTGGAGA GACCTGGATT CAAATCCTGA GGTAGTCTCT
481551 TACTGTATGA CCTTGGACTG TCCATTCAAC TCCTGAAGTT TATTTCCTTT
481601 ATCTGTAAAA TGGGAATAAT TAGTATCTCC CCTACAAGGG TTTTGTGAAAT
481651 AATGTATATA GGCATACCCA GGAAGAAGG GTTTGATAGA AGAGAGGGGA
481701 GCCTGAAACC AAGACCTGCC TCTCACTTAT GCCTGAGGCC AGTGTGTCAT
481751 TGATGAAAAC AGGAAATACT AGGGACGGGG TGGGAGGAAG TGAGGTTTGG
481801 TTTTAGGCAA AACATATACA TATTTATGAT TTGGGATAAC CTTGTTGGAA
481851 GTCGGAATGA TTGCAGGGTG TGCTGGTGAA TCTGCCTGTG CCCCAGCAG
481901 TGTGTATGTA TGTGTGTGAA TCCTTAGCCT GCAATGTGCA CCTCATCTG
481951 TCAAATGCGT GGCTACTTAT TGATGAGGTC TGGGGGAGTG TGCTTTCTTC
482001 ATCTTTGTGT CTCTCAGAAG TAACCAAATA AGTTCTCAA AACTGCTGGC
482051 AGAAGGAAGG CACGTTAATG GTGGATGTAA CATTATTCAT TTCATGAAAG
482101 AAAGAAATCA ACATTAATAA TAGAAAGCAT TGTTTTAATT TCTGAATTGG
482151 GTACTTTGAA TGGACATTCT TCACAATTTT CACTGGGTTA TCATAAAATC
482201 TTTATTAATT CAAGTCTTTT CTCCCCAAG AACATTTTTC TATTAATAAA
482251 TAACAACCAC CACCATGAAC TTTGGTGTGG AGGGGCAGTG AAAAGAGTAA
482301 TAGTGAGAGG GAGAGAGAGA AAGAAGAATC CCTGTGGGGG TGCAACAAGC
482351 TGCTGCTTAA TTTCAAGTTG AGTTGTGAGA GTTAAAGAAA ACATTGGAGA
482401 AAATGTCTCA TCAAGGGGTC CCCGGATTTT TCTGCTCCGG GAAGGCTGCC
482451 TGAGGGATGG ATCGCGGCCA GCTGGCAGGG GCTCAGACGC CTGGTACCGT
482501 GCTGCAGCCA CTGAGCTCAT TGGCTCCACC TAAGTCATTT TACAGTCAGA
482551 GCTGTTTCAA GATCAGCACA CGGCACTGTA CAGATGTTTG GGGTCGGGGA
482601 GGAGTAGAAT TTGTGGAAGG AAGAAGTATA TGCTTAGTTT TAAAGGTTTC
482651 ATTCTAGGAC CTCTCAGGGT TCTGGTGAAA TGGATCATGT GAGAGTGGGA
482701 GCACAGCTGA CCAGGCTAGG CAGGACAGCC CTGTGAGGCA GTCTTGATTT
482751 TACAGAGGAG GAAAATGAGG CACGGAGAGG TTAATTAACC TTTTGAGTGT

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482801 CGCAGTCTAA GGCTCAGAGG CACAGTTCCA TCCCAGGTCT GTCTGAATCC
482851 CGAGTCCTCA CTCCCGATTG ACCACCTTAC TCCACTGCTG AGACCATCCC
482901 TGTGAGTCCG GCCACTCAGT GAGTTAAGGA GGCCAATGGC CATGTCCCCA
482951 CGGGGACATC TCTCTCCTCC TGAGAGTCTC TCTCATACAT CTCAAATCTG
483001 AGATACAGAT TGAGAAACAC CCCAGGAAAT CCACTGCATG GAAGGCAGAAA
483051 CAACCTTGAG CCACAGCAGT GACCACAAGC AAGAGAAGCC TGGCTATGAG
483101 CACAGTCATG ATGTAGTTCA AGGTGGGGA ATTCAAGGCC TCCATGTCCA
483151 TCCCAACATC TTCAGTCTCT CCTCACGTCG CCAGTGGATG TCCTCTGCAA
483201 GCTGATATAA ATTATTTTCA AACCAGATA TACATTCTCT ACTTAATTCC
483251 ACTCTCTCTA AACTCGCCCA CGGAATGCCT CTAACAGAGG GGAGCGAGGG
483301 CACACCTTGG GAGGCCGAG TATGTATCCT GTGGCATTAC ATCTCAAAAA
483351 TGATATTTAC TCAAAGATGC TAGTTTTAGG TAAAAATAAA TTATTCAAAT
483401 GTATTGTGAA AATGTTATTG GTTTTTTGTG TGTGTGTTT GTTTTTTTGA
483451 GACAGAGTCT TACTCTGTTG CCCAGGCTGG AGGGCAGTGG CACGATCTTG
483501 GCTGACTGCA ATCTCTGCCT CCTGGGTTGG AGCAATTCTC CTGCCTCAGC
483551 CTCCCAAGTA GCTGGGATTA CAGCCATGCA CCACCACGCC TGGCCAGTTT
483601 TGTATTTTTT AGTAGAGACG GGGTTTCGCC ATGCTTGCCA GGCTGGTCTT
483651 GAACCTTCTG CCTCAGGTGA TCCACCCACC TCGGCCTCCT AGAGTGCTGG
483701 GATTACAGGC GTGAGCCACC GCCCCGGCC ATGTTATTGG TTTAATATG
483751 AAAGGATCTG TTTTCCAAAT CTTTGGGTGA GATTGAAGAT CCAGGAGGAT
483801 ATATCTTGTG GATCATATGG CTTGACATAA GTACCCACGC AGTACTCTGA
483851 TTTAGGATCC AGGGGTCTTC CAGGTGCAAT TAGCATTTTC AGGGGTATTTC
483901 TGAATGCCCA AAGAGTGAC TGACAGGGAC TTTTCGTAA AATGAAATAT
483951 CTCATATTCA GGGTATGTTT GTGCATGTAC TCTTTCTGTT ATGTGATTTT
484001 CATTGTCTAC ATCTTCATTA ATTCTAAGTA GGAATAAGTA GGCTGGGGAC
484051 CATGTCTCTC CTGGCATCAC TCTGTCTCAG CCCTGTGGGT GACTGCTTGC
484101 CTTTAGCACT GGTGAGGCC GCTGTGGGT GGGAGAAGTC TTTACGTC
484151 TCAGTGACAA TGACTAGAGT CTTAGTGTGA TGATTCTCTG CATCTGGGAG
484201 TCTCCATAAA AGCCTCAAGG CCAAGAGGGT CTCCAGGACT TCCAGCTCAG
484251 AAGTCCCCCT TCATTCTAGT ATAAGGAGAA GATAAAGATA AACATGTGGC
484301 CTGGGCAGTT TCACTCTGTG TGATGGAGGC AGCTTCACTC CTTCCCCATC
484351 CCTGTGGAAG CAGCTGAGGC TCTGGAGCAC AACTTGGGCT GAGAATCACC
484401 CTCTTCTTCC TGGGGCCGTG ACTCAAGCAG ACACCGTGGT CAGCCTTTTG
484451 ATGTGCAGCT ACGTGGACAA CACTTTTCCT GAGCAATCAT CCCCTCTTTT
484501 CTCATCTGTT TGGGCACAGA ATTATTGGTG AACATCCTTC ATCATCAAAG
484551 AGCGACATCT GAGTGCCTCT TCAGTGGGTG TCTCTGGAGA TAAGAGCAGA
484601 TAAGAGAACA TCATGCTTGC CACTGCCTGA TGAGGGGACG TTCACCTGCA
484651 CCTATTAATT AAAATAGAAG ACACCCAATG GGCATTGGGC ACCAGGGGCT
484701 GATGTTTGTA TTGGAATATA AAAAAGAGAC TTAGACTTAG CTTTCTCTTG
484751 GCACCCAGAT CACTATTAAC ACTTACTGTC TGTACCAAT CAGCAACCTA
484801 TTCCAGTAT AATCTGGGAC TTCTATAGCA CAGCTCAACC CTTCCACCTC
484851 TCTGAGAGGA GTGGTGGGGT AGCCCTTCTC CTGACAGCAG GAGCAGATCG
484901 TACTCCCTGG GACCCAGTTC CCCCCTCAAA CTCATTGAG AATCATCACA
484951 CATCATCTCT GGCCACATCT AGGATGTCTG AATAATTGTG GTTATAATCG
485001 ATAGTGTA AAATCATTAG TTATAGGTAA CATGTATGGC ATTTACCATG
485051 TGCCAAGCAG CTTTTATAGT ACTTTACACT TAGTAATTCA CTTAAGCCTC
485101 ACAGTAGCCC TACAAGGTAT ATTTCTCTCA TTTTACAGAG GACAAAATG
485151 AGCCACAGTA GTTAAGTAAC GAGTCAATGG CAGAGCTGGG ATTTGGAGCCC
485201 CGGCAGCCTG CTCATGCTTG CTATGGACTG AATGTGTCTT GCTTCAAATC
485251 CCAGAGTTGC AGCCCTAACC TCCAATGTGA TGGCTGCATC ATGGGGCCTT
485301 GAGCAGATAA CTAGGGTTAG CTGTGGTCAG GAGGGTGGAG CTCTTGTGTT
485351 GGGATTAGTG CCCTTCTAAG GGACAGCAGA GAGCTTGATC ACACTCTCTA
485401 TTCATACACA AAAAGGAGCA CATAGTGAGA TGGGAGGTCT CTGCAAGCCA
485451 GGAAGAGGTG CTTGCCAGAA CCCAAGCATG CTGGCTCCCT GATCAGAGAC
485501 TTCCAACCTC CAGGACTGCA AGCAGATACA TATCTGTGGT TTAAGTCACC
485551 CGGTCTATGG TGTTTGTGTT TGGCAGCCCA AGGGGACGCA GATGATGCTT
485601 TTCAAGACTG TGAGCCCTCT CCTGGAAGCT TCAGCTCCTT GGCCTTGCAA
485651 GAAACACTTG CTGGTCACTG TCTTGGGTCC TTTTCAGAGGC CCTTCTCTAG
485701 CGGTGCCTCC ACCAGGCTCC TGACTTCATC CCCCTCTGTG GGAGGAGGGG
485751 TGAGCAAAGT ACCCTTCTCC TCTGTCTGTG GAAGCATGAG TAACTCGCAG
485801 ATGGTGTCAG AGGGCGTGTG TTCAGGTAGT GCAGCCAGCA GTGAGTGAAT
485851 GAAATGAAT GGTGTCTGTC TGTTCCAAGG CTGGGCTCTG CAGGGGCAGG
485901 AGAACAGCTT TAGTCTCTGC ATCCCTGCAC CTTCCACCTG CAGATGCCAG
485951 CGGGCCATTG CAGGTGGGAG GGGACCCATC TCAGGGCTCC TCATTGAGAT
486001 GGTGACAAGG TGAGGTGGCC GTCCACCCTA TCTTTATCAG TATCTGTCTT
486051 AAATACTGCG CGTTGACATT GACGCTAATA GTCTGAATTA TCAGGGGTTT
486101 GGCAATCGTT AGGCATCCAA TTTTCTCTCT CTGGACGGGC ATACCTTTGC
486151 TATGTCAGCA CAGTGCCTCT CTTGGCTTTC TATGTAACCA CAGGAAGATT
486201 GCAATCTAGA AATAGTGATT GTTAAATTTG CCTATAAGTA CACAATATAA
486251 ACAATATGCC AGAGACACAC AGGCCCCCAG CATAATTCTT GGAAGCTGCA
486301 GTCTCACCTC TGCCAGAGAA GAGCCCCAGC AAGGATTGAG GCTGGGCATC

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486351 CAGGTGCCTC TGCAGCCCTT CCCGTGGCTC CAGCTGGACA ATTGCCCTCG
486401 AGACACAGAA GATAGAGACT GCACGTGTGT CTTCACTGAA CGTTGCTTTA
486451 TTTATGTTGT TGTATAAAGT GAAAGAGAGT ACAAACCTGCC TTTTTTTTCT
486501 GAGACAGGGT CTCGCTCTGT CACCCAGGCT GGAGTGCAGT GGCAAGATCA
486551 TAGTTCACCTG CCCGCTCCGC CTCCCAGAAAT CAAGCAATTC TCCTGCCTCA
486601 GCCCCCAGA TAGCTGAGAC TATAGGCACA CACCACCACG CCTGGCTAAT
486651 TTTTGTACTT TTAGTAGGGA CAGGGTTTCA CCATGTTGGC CAGGCTGATC
486701 TCGAACTCTT GACCTCAGGT GATCCACCTG CCTCTGCCTC CCAAAGTGCA
486751 GGGATTACAG GTGTGAGCCA CCGCTCCCAG CCCAGACTGC TTATTTTTTAA
486801 ACCACACAGT ACTCGTTTTA AACCTGTCCC ATTTTACCT TGGAAATAAA
486851 AGTCGCGTAT CTCAGGGGCG ATATACTGTT TCTCTGCCTG GTTCCCACG
486901 TCACGACCTG TGGAGAATGG CCTAGGAACC ACCTGTCTTT ACATCCAGAT
486951 AACAGCTTCA GGAAGATACA GCAGAGTAGG ACAGGGGTCG TTCTGGGTGA
487001 TGTAAAGTAG CTATTTGGTT AGACCAACAT TTTGGTCTCT AAAATTGGGT
487051 CCTAAGGAGA AAAATAGGAA ATTAATGA TCACTACCTG AAAAAGAAAA
487101 ATCAGGTAAT AATTTGAGGG AGTCAAGGGC CTCACCTTTC TCTCAATAA
487151 GTAGGCAAAG AACAGTAACA GCACTCCCC TCCTCACACC CTGTTTAGGA
487201 AAATTGGGAA ATGTCTTCTT CTCACCTGCT GCCTGTTTAT TTAACAATGA
487251 ACAAGAGTTT AATGTTACC ACCAATCAA ACCAAACACA CCCATTCTC
487301 TATGTCCTGA ATGGAGAGGG AGTCTAGAGT TCTTGTGTTG TTCAGGGTTT
487351 CCTTTCTGGA GCTTTATTTA TTTATTTTTT ATTTTGTGTTA ACTAGTCAAG
487401 GGCAAGGGCA GTAGTGAGAA GTGGGGAAAG AGAAGAAGGG GCAGTTGGAT
487451 CTGTACCTGA CTGTGAATAA ACAGTGGAGG TAACTCGCTG CCTCCAGACC
487501 AGCCTCCTCT GTAGAGCTTG TAACCTTGGG CCATCCTGCA AATCAGTGGA
487551 GAGCAGTTGC TTCGGTCCTG AATAGCTCAC AGGGTGGTGG GAAGGTTTGC
487601 CAGAGTTGTC CCACCTCATG CACACTCCCT TTCCCCATG AGCCACTGGA
487651 GTGGAAACAG ACACCATACC AAGTGCTGCT GAGGATGTGG AGCAACCGGA
487701 ATGCGCCTGC ACTTGCTTTA TTCAGACAGC CACTTTGGAG ATCTCTTTGG
487751 CTGTGTCTAA TAAAGCTAAT CACACTCTTC CTGTATGATA GAGCAACCCC
487801 ACTCCAGGTT GTTGACCCAA AAGAAGCTGA AACATATGTC CACACGCAAA
487851 AAAAGACTTG TAGAAGCTTG TAAATAGCAG CCTTATTCTT AATAATAGGC
487901 CCAAACCTGA AATAACCCAA ACATCCATCA ACAAGGAGAC CGGATAAACA
487951 AATTGTGATC TATTCGTGCA ATGGAATACG ATTCCAAAAC TAAAAGGAA
488001 TGAATTACAG GTATGTGCAA CAGCATGGAT CCATCTCAGA GACATCATGT
488051 TGAGTGAAGG AAGCCAGATT CAACAGAAGT GTACTCTGTC ATTTCAATCA
488101 TATGAAGTTT GAGAACAGGC AAAACTTAGC TATAGTGATA GCAGGCAGGG
488151 CAGGAAGTGC CTATTGAGGG TGGAGATTGA ATGAAAAGG CACGGGAGGG
488201 CTTTCTGGGA TAATGGAAAT GTTCTATATT TTGTTTGGG TGGTAGGTAG
488251 ACAGGTGTAG ACAGTTGTGT TAATGGCTGA AGATCTGTGC ATTTTAGCAT
488301 ATTTAAATTA TAACCCCCAG GAAGCATTGC CTCATCTTCC TGGGGGATGT
488351 ATAAGCTTGT TAAGAGCATA CTGGGGGTGC TTTTGAGAAC CCCTTACCAT
488401 GTTATTATGT TAATGAACCA CCACTAATTT TTGTGGTTTC AAAATAGCAA
488451 GGTTCTATTG TAAACTCCC TTGTGCCTTG GTGACAAAAA ACCTGATAC
488501 AATCCCTCTG TAAAGTAAGT GTGTTTGTTA TTTTGTGTTT TAATGACACT
488551 AATTTGTAG GAATGATATT TTTAGGTGGT TGCTCAATCT CACCCGCCAT
488601 CAGTTGCAGG TGACAGGGAT GTTAAGTTGG CAGATTTTTC TGCTAGAAGC
488651 TGTGGGTTTA CATCTCCTTT GTGCAGTGT CCTAGACATA CCAGTGGCTT
488701 GTTATTGTTA CATCGGGATC GGGTGTGTGG GTGGTTTTTA AGTTATAGTA
488751 GGGATGCAGG TGCTGTGGGA TCGCTTCATT GTTTAACAAT TCCTTTGCAT
488801 TCACACAGGG CTTCTGAAAT GAGTGCTAGT AGAATCATCT TCAGAGGATG
488851 TCCCAATACG TTGAACTGAG ATGCCTTCTT GTTTGCTGTG GAATTAAGCT
488901 TAAAATTGAC ACAAAGCTCT AGGCATTTCG TACAGGGAGA GAGTGGGCAT
488951 GAATGATTTT GGGAAATGAA GAACTAGATT TCAGCCTGGA ATTTGCTTCC
489001 TCCCTCCTGT GGCAAATTAG CGTGGGCTCA CTAAGCACTT CATCTGGCCA
489051 TGGTATTTTC TTTTCTTCTT TTTTCTTTT TGCTCCCAGA TAGGGTCACT
489101 CTGTACACCTA AACTGGAGTG CAGTGGCACA ATCATAGCTC ACTTCAACCT
489151 TGAACCTTTG AGCCCAAGCG ATCCCCCAC CTTAGCCTCC CAAATTTCTG
489201 GGACTACAAG CGCACTACCA CACCCAGCTA TTTTATTTT TTGTAGAAAC
489251 AGGGTCTCAC GATGTCCTGG CTGATCTGAA ACTCCTGACC TCAAACCGTC
489301 CTTCACTTCA GCATCCCAAA GCGCTGGAAT GACACGCGTG AGCCACCACG
489351 CCTAGCCAGT TTTCTTTTCT GTTGCAATTG AGAGTTAGGG CCAATTTCTAT
489401 TCATCCTGCA CTGATATTTG CCTTCCCAGC AGATGATGGG TGAGCTCAGC
489451 ACACCTGCAT CTCAGCCAAG CCTTAGAGG GGAGCACAGC TCTTATTGT
489501 GTCAGCGCCA CACAGCCACC CTGAGCAAAT AGGTTTGGAA TGTACATTGC
489551 CATCCTTCCT AAAAAGGTTT ATAGTAAAAA GAGAAGGAGA TTTACCTTTT
489601 GACATGCACG CTCATGAAAA CCAAGGTTT CAGAAAGCCA AACCTCAAAA
489651 ACAAATACAA GAGCTCCCT TGACGTTTGA ATGGAAGAA ATTTTAGGAG
489701 GCAACATTGA GGGGCAAGGA GGGCTGAGAA GAGAAGGTGG CAATGGCAAC
489751 TGCAAGGGTT CTTCCAAATC CGATTGTCCT GACAGGTTT GTTTATTTT
489801 GTTGTGTGTG TGTGATGCT GGGTGGGAAT GGATTGAAAA AATTGTCCCC
489851 TCCTGTGTTT CTTTCTGCT TTTAACTTTA CAAGTGCTCC TCATTTCTT

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489901 TTACTTACAA TTTGAAGTTG GCACTGGTGT TGCTGGGCCA ACCAGCATCT
489951 TGAGGACTCA ACTCTCTGGC TGCAGGTGCT GTGGGAAGG GGCAGACTTA
490001 AATTTTCTTC GTTAAATGG GGACGGGGG GATTAAATAA AATGCTTTAT
490051 GGGAAGTTCT GGCACAGAGT GACGCACGAA GAAATTTGAG CTTCTTCTC
490101 CTCACAGGTG AACTGTTGCT GCTCCACCTT TATTACATCT TTTCAAATCC
490151 ACGCCACATT GGGGAACACA AACTGACCTT ATGTAGCCCT GGTACTCCA
490201 GCCTTTTAA AAAAAAAAAA AAAAAAAAAA AAGCAAGGGA AATAGGCAAG
490251 ACGGCCAAAT AGGAACAGCT CCAGTCTGTA GCTCCCAGGG AGATCAAGGC
490301 AGACAGCGAG TGATTTCTGC ATTTCCAGCT GAGGAACCTG GTTCATCTCA
490351 CTGGGACTGG TTAGATAGTG GGTGCAGCCC ACGGAGGGCA AGCCGAAGCA
490401 GGGTGGGGCG TTGCCTCACC CGGGAAGCAC AGGGGATTGA GGAACCTCCT
490451 CCCCTAGCCG AGGGAAGCCG TGAGGGACTG TGCTGTAAGG AACCATGCAT
490501 TCCGTCCCAG ATACTATGCT TTTCCCATGG TCTTCGCAA CTGCAGACCA
490551 GGAGATTCCC TCCGGTGCC TACATCACCAG GGCCCTGGGT TTCAAGCACA
490601 AAACCTGCATG GCTGTTTCAG CAGACACCGA GCTAGCTGCA GGAGTTTTT
490651 TTTTTCATAC CCCAGTGGCA CCTGGAATGC CAGCAAGACA GAACCGTTCA
490701 CTTCCCTGGA AAGGGAGCTG AAGCCAGGGA GCCAAGTAGT CTAGCTCAGT
490751 GGATCCCACC CCGACGGAGC CCAACAAGCT AAGATCCACT GGCTTGAAAT
490801 TCTTGCTGAC AGCACAGCTG TCTGAAGTTG ACCTGGGACA CTCGAGCTTG
490851 GTTAGGGGAG GTGCGTCCAC CATTACTAAG GCTTGAGTAG GTGGTTTTTCC
490901 CCTCACAGTG TAAACAAAGC CACCAGGAAG TTTGAACTGG GTGGAGCCCA
490951 CTGCAGCTCT GCAAGGCCAC AGTAGCCAGA CTGCCTCTCT AGATTCCTCC
491001 TCTCTGGGCA GGGCATCTCT GAAAGAAAG CAGCAGCCCT AGTCAGGGTG
491051 TTATAGATAA AACTCCCATC TCCCTGGGAC AGAGCACCTG GGGGAAGGGG
491101 CAGCTGTGAG CACAGCTTCA GCAGACTTAA ACGTTCTTGC CTGCCGGCTC
491151 TGAACAGAGC AGCGGACCTC CCAGCAGAGC ACTAGAGCTC TGCTAAGGGA
491201 CAGACTGCCT CCTCAAGTGG ATTCCTGACC CCTATGCCTC CTGACTGGGA
491251 GACACCACCT CTCACAGGG GTTGACAGAC ACCTCATACA AGAGAGCTCT
491301 GACTGGCATC TGGCGGTGTC CCTCTGGGA TGAAGCTTCT GGAGGAAGGA
491351 ACAGGCAGCA ATTCTTGCTG TTTTGCAGCC TCTGCTGTTG ATACCCAGAC
491401 AAACACCTCC AGCAAACTCC AGCAGACCTG CAGCAGAGGG ACCTGACTGT
491451 TAGAAGGAAA ACTAACAAAC AGAAAGGAAT TTCATCAACA TCAACAAAAA
491501 GGATGTCCAC TCAAAAACCC CATCTGAAGG TCACCAACAT CAAAGACCAA
491551 AGGTAGATAA ATCCACAAAG ATGAGGAAAA AACAGCACAA AAAGGCTGAA
491601 AATTTCAAAA ACGAGAATGC CTCTTCTCCT CCAAAGGATC ACCATTCTCT
491651 ACCAGCAAGG GAACAAAATT GGATAGAGAA TGAGTTTGAC GAATGGACAG
491701 AAGTAGGTTT CAGAAGGTGG GTAATAACAA ACTCCTCTGA GCTAAAGGAG
491751 CATGTTCTAA TCCATGCAA GGAAGCTAAG AACCTTGAAA AAAGGTTATA
491801 GGAATTGGTA ACTGGAATAA CCAGTTTGGG GAACAACATA AAGCAGGAAA
491851 GATCCAAAAT TGACACCCAA ACATCACAAT AAAAGATTAC ATTTAAAGAT
491901 CTAGAGAAGC AAGAGCAAAC AAATTCAAAT ACTAGGAGAA GACAAGAAAT
491951 AAGTAAGATC AGAGCAGAAC TGAAGGAAAT GGAGACATGA AAAACCTTCT
492001 AAAAAATCA GTTAATCCAG GAGCTGGTTT TTTGAAAAGA TAAACAAAAT
492051 AAATAGACTG CTAGCCAGAC TATTAAAGAA GAAAAGAGAG AAGAATCAAA
492101 TAGACACAAT GAAAAATGAT CAAGGGGATA TCACCACTGA TCCCATAGAA
492151 ATACAACTA CCGTCAGAGA ATACTATAAA CACCTCTATG CAAATAAACT
492201 AGAAAACTA GAAGAAATGG ATAAATTCCT GGACACATAC ACCCTCCCAA
492251 GACTAAACTG GGAAGAAATG AAATCCCTGA ATAGGCCAAT AACAGTTCT
492301 GAAATTGAGG CAATAGTTAA TAGCCTACCA CCCAAAAAAT GCCCAGGACC
492351 AGACGGATTC ACAGCTGAAT TCCACCAGAG GTACACAGAG GAGCTGGTAC
492401 CATTCTTCTT GGAATATTTC CAAACAATAG AAAAAGAGGG ACGCCTCCCT
492451 AAATCATTTT ATGAGGCCAG CATCATCTG ATACCAAAAC CTGGCAGAGA
492501 CACAACAAAA CAAAAAATTT CAGGCCAATA TCCCTGATGA ACATCAGTGT
492551 GAAAAATCTC AGTAAATATC TGGCAAAACG AATCCAGCAG CGCATCAAAA
492601 AACTTATCTA TTACCATCAA GTCAGTTTCA TACCCTGGAT GCAAGGCTGG
492651 TTCAACATAC GCAATCAAT GAACATAATC CATCACATA CTAGAACCBA
492701 TGACAAAAAC TACATGAGTA TCTACTAGA TGCAGAAAAG GCCTTCAATA
492751 AAATTTAACA CCTCTCTTG CTAAAACTC TCAATAAACT AGGTATTGAT
492801 GGAACGTATC TCAATAAGAG CTATTTATGA CAGTCCCACA GCCAATATCA
492851 TACTGAATGG GCAAAAGCTG GAAGCATTC CTTTGAAAC AGGCACAAGA
492901 CAAGGATGCC CTCTCTCACC ACTCCTATTT GACATAGTAT TGGAAGTTCT
492951 GGCCAGGGCA ATCAGGCAAG AGAAAGAAAT AAAGGGTATT CAAATAGGAA
493001 GAGAAGAAGT CAGATTGTCT CTGTTTGAC ATGACATGAT TGTATATTTA
493051 GAAAAACCCA TCATCTCAGC CCAAAATCTC CTTAAGCTGA TAAGCAACTT
493101 CAGCAAGATC TCAGGATACA AAATCAATGT GCAAAAAATCA CAAGCATTC
493151 TATACACCCA TAACAGACAA ACAGAGAAC AAATCATAAG CGAATTCCCA
493201 TTCACAATTG CTACAAAGAG AATAAAATAC CTGGGAATAC AACTTACAAG
493251 GGACGTGAAG GACCTCTTCA AGAAGAACTA CAAACCACTG CTCAAGGAAA
493301 AAAGAGAGGA CACAAACAAA TGGAAAAACA TTCCATGCTC ATGGATAGGA
493351 AGAATCAATA TCATGAAAAA GGCCATACTG CCAAAGTAAT TTATAGATTC
493401 AATGCTCTCC CCATCAAGCT ACCATTGACT TTCTTCACAG AATTAGAAAA

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493451 AAACACTTTT AAATTTTCATA TGGAAATCAAA AAAGAGCCCA TATAGCCAAG
493501 ACAATCCTAA GCAAAAAGAA CAAAGCTGGA GGCATCACAC TACCTGACTT
493551 CAAACTATAT TACAAGGCTA CAGTAACCAA AACAGCATGG TACTGATACC
493601 AAAACAGATG TGTAAGACTGA TGGAAACAGAA CAGAGGCCTC AGAAATAATT
493651 CCACACATCT ACAACTGTCT GGTCTTTGAC AAACCTGACA AAAGCAAGTA
493701 ATGTGGAAAG GAGTCCCTAT TTAATAAATG GTGTTGGGAA AACTGGCTAG
493751 CCATATGCAG AAAACTGAAA CTGGACCCCT TCCTCACACC TTATACAAAA
493801 AATTAACCTA AGATGGATTA AAGACTTAAA CATAAGACCT AAAATCATAA
493851 AAACCCCTAG AGAAAAACCTA GGCAATGCCA TTCAAGCATA GACATGGGTA
493901 AAGACTTTAT GACTAAAAACA CCAAAAGCAA TGGCAACAAA AGCCAAAATT
493951 GACAAATGGA TCTAATTAAA CTAAAGAGCA TCAGCAAAAG AAACATATCAT
494001 CAGAGTGAAC AGGCGACCTA CAGAATGGGA GAGAATGTTT GCAATCTATC
494051 CATCTGACAA AGGACCAATA TCCAGTATCT ACAAGGAACT TAAACAAATT
494101 TACAAGGAAA AAACAACCCC ATCAAAAAGT GGCTGAAGGA TATGAACAAA
494151 CATTTCTCAA AAGAAGACAT TTATGCGGCC AACAAACGTA TGAACAAAAG
494201 TTTTCTCATCA TCACTGGTCA TTAGAGAAAT GCAAGTCAAA ACCACCATGA
494251 GATACCATTT GAGCCAGTT AGAATTGTGA TTATTAAAAA GTCAGGAAAC
494301 AAAAGATGCT GGAGAGGATG TGGAGAAATA GGAACGCTTT TACACTGTTG
494351 GTGGGAGTGT AATGAGTTC AGCCATTGTG AAAGACAGTG TGGTGATTC
494401 TCAGGGATCT AGAACCAGAA ATACCATGTG ACCCAGCAAT TCCATTCTCG
494451 GGTATATACC CAAAGGATTA TAAATCATTC TACTATAAAG ACACATGTAC
494501 ACGCTTGTTT ATTGCAGCAC TCTTCACAA AGCAAAAGCT TGGAACCATC
494551 CCAATGCCCC ATCAATGATA GACTGGATAA AGAAAATGTG GCACATATAA
494601 ACCATGGAAT ACTATGCAGC CATAAAAAAG GATGAGTTCA TGTCCTTTGC
494651 AGGGACATGG TTGAAGCTGG AAACCATCAT TCTCAGGAAT GATGGTTAGT
494701 TAGCAAACTA ACACAGGAAT AGAAAACCAA AACTGCATG TTCTCACTCA
494751 TGAGTGAGAG TTGAACAATG AGAACACATG GACACAGGGA GGGGAACATC
494801 ACACACCAGG ACCTGTTGTG GGGTGGGGGG CTAGGGGAAG GATAGCATT
494851 GGAGAAATAC CTAATGCTAG GTATTTCTAA TGTAAGTGAT GGGTTGATGG
494901 GTGCAGCAAA CCACCATGGC ACGTGTATAC CTATATAACA AACCTGCATA
494951 TGTTCTGCAC ATGTATCCCA GAACTTAAGG TATAATTTAA AAAAAAATAA
495001 ATTAACCTTT TCTAGTTTGT CACCACATTC GTGGACAGCT AGTCTGGGG
495051 CACTGGGGTG CATATGATTA GTGGCATGGC TGAAGCTAAT GCATTACAAA
495101 ATCCTGATCC GCAGGTGCAT GGGTGTCCCT TGTTAATGCG CCTAGTCTGA
495151 CCCAGGGCAG TGCTGCACAG CTCATTGGCT TTACAGTCAG ACAAACCTCC
495201 AATCCTGTGT CTGGCTCTCA CCAGCTGTG TCCTAATGAA TCAATAATTC
495251 TACCCACCTG ACGCTCACTT TCCTGTAATT TACTGCAGTG AGTTCCCTAGG
495301 CATATGGCAT GTAATGGTC AGTAGATCAC CTTAGAAGGA TTTCAGACTC
495351 TGGGTCTCAG TCCATCTGTG AAAATTAGGA TGGTAGGAAC CTCTCTGAGA
495401 TACACCTTTA AAATTAGTTA TGTGTGTCAC ATTCACAGCT CCTAGTTTTG
495451 AAGACCAGCA ACAGAACAAT ACTTTCAAGT CTTTATATAA CCTTTATTAA
495501 TTTAGGACAG GCTTCATATT TTCAACAAGA GAATTCAAAG TTCATTTTCC
495551 TTTTTTCCCT CAGCAACTAA AGTCTGAGT TTCATAATCT GTTTCTTAT
495601 GATACATAAT ATTTTACATA TTTACAGGGT ACATTTGAGT TACAATCTAT
495651 TTTAAATGAT ACATTATGTA AAGTCACTGT GTTCTTAAAT AAATACACAT
495701 AGTGAATGAT CCTGCATGTA TCCCCACAAG TACAGCTTGA ACAAGTCCAT
495751 CTTCCAGGGG CCAAGCACCA CCTCAGGCAT CTGTAGCATG AGCAAAACCC
495801 AAGGTCCCTT CTGGAGACCC TGTTTACCCT GCAGGCAGGA CAACAGGAGC
495851 TGGAGAGGAG AGGCTGATCC AATCCCTTTC TTGTGGTTTT CTGGTTGGG
495901 GAGAGAGAGT TGAGTTTTCG CAAAATACAT GTGTTCTGTA GAAGAAACAG
495951 GAAATGGAGA TACACAAAGA GATATGACAA TACAAATCAC CAGTTGGGCC
496001 ACCCAGATCC TGGTTTCCAT ATACCGTTCC ATGCATTGTT CCTGAGCATG
496051 TAAGCATGCC CACACTTGAA GGAGGCACTC TCAAGTCCAT CGGGCCCTGG
496101 GACACCCAC TGTTTTTGAA GTCCTGGAAT GTTTTTGTAA AGGTAAGGAA
496151 ATACCAAAAC GAGACTACAA AAATGATGGT ATCTACTGAT ATGTATTGAC
496201 AAATGTGTAA TAAAGATGTG TACGTGTGGG GTACCTCAT CTAGGGGTGA
496251 CACCTTCAAG TTTAATTTTG AAGCTTGGGC CAGTGGTGCT TCCTTTCCCA
496301 CAACCAACAT GATAGATCCT CTATGAGATG TTATCACAGA ACCCATGTTT
496351 CTCAGTGCCA GTAGAATACG ACATACTCTG TCAACAAATA TAATTCTACA
496401 TTACTTTAAT TGCTTGCATG GAAATCCGTT GTATGTAAGT GCCATGGTAC
496451 ATTTAATAGA TCTTGCTCTG GGACATCTAC TTCTGGTTTC TTTGATAGAC
496501 TAGCACTCTT GTGAATATCA TTGTACTTGC TTCTTTGCAT GTTTTCTTCC
496551 TTCTTTAGGA TGAATTCTGA GAGATGTAAT TGATGGGGCA AAATGTACTC
496601 ACACATTTTT AAGGGTTGTA AACTTTTTGG TCAAAAGCTG GTACTCTTGG
496651 TTGTTTGAAA AGGAAAGCAA GTCCTCCCAT TCCAGGGTTG GATTTTGACT
496701 CTTTCTCTGT AAACCTCACT GCTTTTTGGT TTAATTGTCA TAAAAAGCCA
496751 AGCACCACCA ACAGGGCTAT GGAAGGGGC CCAGAGGCAG GAGGGCTGTG
496801 GTTAGGCATG GCTTTGGCCA GATGGGGAAG CTGGGTGCTT GGGATCAGGG
496851 TAAGCGGGTG GGGATGCTGT GAGTATAGAC GCTAGGCAGG GAAGCCCTGC
496901 AGGGCAGAGG GAGCGGCAGG GCTGCAGTGC ATTTGGCCGT CCAGCTGGAG
496951 CAGAGGATGG AAACCGAAGA GTGGGTTGAC TCTTGGATGC CAGGCTTGAG

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497001 TCAGGTGAAT CCTGCCCTCA TTTTACTGTA TAAAGGGAGC TACTCCAGGC
497051 CTCCAGGAGT CTTAGACCCT CCCAGTCCCT GTGGGGGTCC CACAGGTGGT
497101 TAATTGTGCC TCAGGCCCTC TGCTCTCCCT CCCTCTGTAA GTCTCACTCT
497151 CTTTTCAGT GAGCTCTAGC GAAACTTCTA TTCCAGTAGG ACCAAATGTT
497201 TGAGGCCTCC AGAAAAAGAA TCCGGTGAAC ACGGAGGGTT TGTCACACTA
497251 ACTTGAGTCC CTTTCTCAGG TGGCCACCC TTGTAGGCCA GCCTCCCAAT
497301 TCCTAGCCAG CTCACGGCTC CGGGCTTTTG CTCATTCAAA ACCAAAATTG
497351 AAGGCATCTG CCCTGCTCAG GCCCCATCT CTGTTTCAGAG TAAACTCCTC
497401 CCTCCCTCTG CTTTGGCCCT AAGTTCTCTT TTCAACTCAC CTAACATCTA
497451 ACTTGGCCCT GCAGCTCTGA TCCCCAAAC CCTCTCTACC TGTTCCTCC
497501 CAAGCTATCC CTGACCAGCA TGCCAGGAAC AAGGAAGTCT TGAAGCTGC
497551 ACTCCTTGCT GCTCTCCCTC GTCCTTTATC CTTCCACTTG GAATCTCTGT
497601 CCTTCTACCC ATCTCTAGCT ACTGAAATCG TGTTTCATGT TCCAGGCACA
497651 TCTCATATCT TGTCGTCTTT AAGAAGTCTT CCCAGAAACC CCATCGTTTA
497701 TATTCTGTAT ATATACCATA TTCCACTGTG TAATGTAGAT TGCACCAGAG
497751 AGTATTTAAT TCCTGGAAGG CAAGGACTAT AACCTATTCA TCTTCCTTTC
497801 CTGGGTGGGG AGAACCACCA TGCTTGTAC CAAGTAGCGA TGACATGGGT
497851 CCTGGCTCCA TGAATGAACG GGCATTGAGA GAAAGGAGC TGATGATGAG
497901 TGAATGGAGG AGCCTAGTGA GGCAACGTTT ACTCCTCAGT GAAGCAGTGT
497951 TGGTGACTCC AACAGCTCTC TTTAGGAAGG ATTTAAGACA ACATCCTGTT
498001 CGGAAGGGGC TTGAAGCACT TTATAAAGA GAGGCAAGGG CACACGTCAA
498051 ACTAGAAGAA TGAAGTAAG AAGAGAGAAG GCTGCAGAGA GGAGCAAGCC
498101 CCATCCGTCC CCTGATGGT CCTGCCAGTG CATGGGTTAC CTCTCATTTG
498151 ATTTAGTGCG GTCTGTTGTT TTTGTATTGT GAAATATTAT CCTTGATTAC
498201 ATTATGTTGC TCTGTTTTTG AAAGAGAAAG TATTCAAGCA AGTGTCATT
498251 CTATTTCTTG GAGCAACTA TGGTCTTGAG CTCCGCACAC TTCTGGTTGG
498301 GATTATTTCT GGTCTCTACT GCCTGTTTGA TTGAAGATGT GGCATGGAGA
498351 GCGTAAGTTT AACAGTGAA GGGGACCCCT AAGTCTGGCT CATCTGTCCC
498401 TGGAATTGTC TTTCTCATGA GTCTGTCTAC AGGGTATGAG AATGACAGGA
498451 ATTCGGAAGA AATGGGCTC CTGCCACCTG CCAGAAATGA AAAAAAATT
498501 TTTTGTAGTT AACCTGTGCT TCATCTTGAT ATGAAAATAT AGACAACCAT
498551 AACAAATGAA AACTCAGCTG GGCATGGCAG CGCATAGCTC TAGTCTCAGC
498601 TACTTAGGAG GCCAAGGTGG GAAGATCACT CGAGCCCAGG TGTTTGAGGC
498651 TGTAGTGAGC TATGGTCGTG CCACTATACT CCAGCCTGGG CCAACAGAGC
498701 AAGACCCTGT CTTTAAATAA AAAGAAACAA AAAGAAAAGA AAAAATACAG
498751 ACACAAAGGA GCCCTGAGAG AACTATGAA GATCAATAGG AATGTTGCCT
498801 TATATAAAGG CAGAGTTTCT GAGTACACAC CCATTCCATC AAATTGAGAA
498851 AGTATAACTC AAAACTCATC TCTCTTTATA TCATAAATC AGTGCTAAGT
498901 GGTACCGGAT ATGGCCTGGC TTCACTTCCC ATGCTTAGAG GGAAGCTATG
498951 TATAGTTAAG TCATTTAAAA TTACAAGAAT GAAGTACTCT TCATTTTCC
499001 AAACAACCTA TAGTAGGAAT ACTTTCAGTA AAATTCCTCT AGAGGATTAG
499051 TTCACAGGTC TGTGAGAAAA CCAGTCATGA AGATGGCATT ATCATGTAGG
499101 TTAATAGGAA AATCATTCTT ATTAATTTT GCTTTTATGT TTTAACATAT
499151 ATTGTTTTCA AGATACCTTG TTACAATATA AAAGAAGCGA CTAAGTTCCA
499201 AGGTCAATGA AATTTTAATT TTATCCATGA GCAAAAGGAG GGCTGCTCCA
499251 AGTAAATAG GACTGATTTT TGTTTGGGT CGACCCAATT TCTCTACAA
499301 ATAGGTGCCA ACTTCTCTGA AAATTGAGAC TCCGAGCTCG GCTTACTTT
499351 GGGCAAAACA CAATTATTTT GGGGCTCTGA GATAGAGAAG TGAGACTTTA
499401 ATCCAAACCT TCCAGGGAAA GACATCAGAT TTCATTTTGA GCCCTCCGTT
499451 CCTCCCACAC TCAGAATTTT TCTTGCCCTGA CAGTTATGGA AGTCTTTTGA
499501 AAAAGTCTCT ATTTTGCCAT TATCTTGACA ACCGATGATA CCTCATGCAA
499551 ATCTAGATAG AGGGGGAAG AATATTATAA CATGGATTTT CTTTTTTTTT
499601 CCTGTTCACT AAGTTTTTTA ACTGTTAAAA AATTAAATAA TTCTCATTTT
499651 TTAATTTCTT TGATTACCA TTACTTCCAT TTTATTTGGT AAAACCATAT
499701 TCTGCAAATA ACAGAATCAG AATCCTCAGA AATGAAAAGA TTACAGCCAG
499751 AAAAAAATAT TTTCTTAATC TAATAGATGT ACCATAAGAA CATAGTAGTT
499801 TTGGCCAGGC GCAGTGGCTC ACGCCTGTAA TCTCAACACT TTGGGAGGCC
499851 GAGGTGGGTG GATCACAAGG TCAAGCAGTC AAGACCATCC TGGCCAACAT
499901 TGAGAAACTC CGTCTCTACT ATAAATACAA AAATTAGCTG GCGTGGTGG
499951 CGGGCACCTG TAGTCCCAGC TACTTGGGAG GCTGAGGAG GAGAAATCGCT
500001 TGAACCTGGG AGGCAGAGGT TGCAGTGAGC TGAGATCGTG CCACTGCACT
500051 CCAGCCTGGG CGACAGAGCG AGACTCCGTC TCAAAAAAAA AAAAAAAG
500101 AAAAGAAAAA AAAAGAAAAA AGAAAAAGAA GAAAATATTA GTTCTGTTAT
500151 TTGCTCTTTC AGCCAAATAG CCCAATTGTG ACACAATCTA GTCCCTTGCT
500201 GAATTTGTTT AAAATCTTTG TTTTGCAAAG ATAAGTCAGT TTTAGATAAA
500251 TAGGCCACAT CAGCTGGCCT TTTCTATTTA TAGTGATTGA AAAGTAGTAA
500301 CATGATTATA AATTAGTTTA TTTTAATTCA GCTATCTCAA ATTAGTGTCA
500351 TTAACAACAT TATTAGGAGA CTGTATATTT GCAGAAGACT TTAGCAATAG
500401 TCTCTTCCAT CTGAAAGAGA ATGTTTATAG ATTACAAAGT GTCTGTGCTT
500451 CTTTGTCCAT TTTCTGGCTC TTTTCCAGTG CGTCTGAGT AATCATTCCC
500501 TGTCATCACA AAGCAAATTA TCTATTCCTT CAAACAGGAC TTGTTTTTGG

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500551 TTTCCCTGG CACTATAAAA TTAGCACCAT TTACATTTTA ACAAGGATAA
500601 ATCAAAATGAC ACTACTCCCA GCTTCACCAC ATGGAAGAGAG TAAAAGTCAC
500651 TTCCTTTTCCA AGGAGCTTGC CAACTGGGTC AGAGCATAAA CCGGGGCTCT
500701 GCAGTGGAGG TGGCCGAGG GCAAGCAAGG AAGGCTAAGG GTCGTCACTC
500751 TGCAGCAGGA GCACTCGGCC ACCCAGCACC TGGCACCACG GGGCCAGAAC
500801 TCAGCTTTTC CGGGGAGCCA ACAGCATCTC AGCTCTGGGC TGAGCCAGAA
500851 AGGCCCCCTGC TGAATTCCAG AGGTGCTTTC TAAAATGGAT TTTTGTCTTG
500901 TTTTATTTAG GGGAGCAGGG AAAATAGCAT ATATTGGCTG TGAGCTGGAA
500951 TATTTGTCCG AAGCACATAT ATGCTCAATT TGTAATATCT ATTTAATATC
501001 TAAACTACCC TCACCCCTCT CCTCAAAAAC AAGACATTTT TCAGTTTATT
501051 GGTGCATTTT CCTTTTGATC GTGAGGCCCA TATTATGTCT CATATTATGC
501101 TCCAAACCCG AAGTATTTGT TTTTGAGGCA AGTAAATTCG GAGGCTTCTC
501151 ACAAAAAGAG AATGCCTATT GTGAATCAGT TACCTCTGAG AAGCTACAGT
501201 GCTTCACTGA GATTTCTCTT TCTGAACTGC AGCTTTAGAA AACGCTGTTG
501251 GCTTCTTCTT CCATGCACT GAACAAAAAT ATTAATCCTG CTTGTCCCGA
501301 ACCACCCATC CTTGGATTG AGTTGTCAAG TATCTACTGA GGCACGATAT
501351 CTGTGATGCA CCTTGGGGTT CCCAGAAAGG GTGTGTATTT GAGAGTGGGC
501401 ACAGGGGCAG CTGAAGACCC TACCTGTGTA TGGCAGCATG TGGTGATGCC
501451 GGGAGAGCTT CCACAGGGGT GCTGCGGGCC TCTCATCTTG CCTTGGGCCC
501501 ATCTTAAGGA TGTTTTATTT TGTTCTGAAC TTTGGTGGTT ATCACTCTCT
501551 TTTGAAAGGG CTTTGTAGAC AGGCACAGTG GCTCACACCT GTAATCCAG
501601 CACTTTGGGA GGGCAGGAGT GCGGATCAT CTGGGGTCAG GAGTTCAAGA
501651 TCAGCCCGGC CAACATGGTG AAACCTGTCT TCTACAAAAA TACAAAAATT
501701 AGTTGGGCAT GATGGCGAGT GCCTGTAAAT CCAGCTACTC AGGAGGCTGA
501751 GGTGGGAGAA TGGCTTGAAC CCAGGAGGCA GAGGTGTCAG TGAGCCGAGA
501801 TCGCACCAAT TGCCTCCAG CCTGGGCGAC AGAGTGAGAC TCCATCTCAA
501851 AGAAAAAAG TGTTTTAAAT TCCAGATTAA GGCAGGCGCT CTTTTCAG
501901 TATATTTCTG TGAGCACTGA AGAAAGTGAG TTGCTCCATC TTTCTACATT
501951 TTCCCATTTT CTTTGCCAG TTTCTCGCTT CCATTTCAGG ACCTGAGCTG
502001 TTAAGAGTAA GAAAAGAGAA CCAGAATGAG GTAATTCAAT CACTTTTTTC
502051 ATGAAGTCTG TCAGCTTTCT GGATGAAGAT CCATTATTAG ACTATCTTAA
502101 GTCAGATTTG GCACGCCATA AAATGCCTAC GCTATTATCC TGCTAACCAA
502151 AATTTTCATA TGGGACAAAA CTAAGCTACC TTTTATTAAA ATAATTGATT
502201 GATTATATGT GATACCTGGC TAATGAGTAA TTTTGTAGA TGCATGAAGT
502251 TTAATTTGCC CAGAACTATT TTAATATCCC TCGGCTTATA TTTATCCAAA
502301 ATGTTTACTG ATGACAGCAT GCTTAGGTAA GCTGCCACAT ACCCACTTTC
502351 ATCTAGGTGA AATTTGTTAG TATGTCTTAA TAAAAATAAT ACAAGCTCAA
502401 GGCCACTGAA CACAGAGGAA CCCATTTGCT TTTATCTAGC TGTATCTCCT
502451 GTATTTTACT GTACATCAAC AATACAGTCC CCGATTCCAG AATGACTTCA
502501 TTTCTTATT ATAAATCCAG ATAGGCAGTT AAATGGAAAG AAGAGGTAAT
502551 GAGCAATTTT TATACACAAA TGGGCCTTGA TTTCTTTTAA CTTTCTAACT
502601 AAATAATTTT CTTTTCAGC ACCTTACATT TACACTTCCA TCCAGGTTTA
502651 GAATTATATG AGTTTCTTGT ACTTGCTGTT CTGTCATACA AAAGAAGAGT
502701 CCAGGGAAAG AGTTTCAGAA AAAAAAAGG AAAAAAGGATG GAAAGTTCAA
502751 GATCCTTAAA CAGTCTATTT CTTTAAAG TCTCTGAGAA CCTGGAGACA
502801 CCCTTAGGTA TATCTGAAGA CCCACAGACA ACTTTCACAC TCTTGAGTCA
502851 GTAGCCAGCA CCCCACCTCT GTCCTTCTG TGGTCATCCA GCCTCTCGAT
502901 GTGGGGTTAG ATGAAGCAAG CCCTGGACCA CTGGGCAATA AGCCATTTAC
502951 AGATAAGGGA CTTACTCTGT CAAAGCTATG ACTCAGAAAC CGCCAAACGC
503001 CAGCTCCTGG TAAGACCTAA GTGACATGCC AGTGGCTAAT GCTTAAACAAC
503051 TGACTTTATA ACCTATAAAT ATTAATTTTA GACCACTCAC ATGTAGCCTT
503101 TAGACAGGGG AGATTTTAGA ATCAGTTTTT CTAATTCAGG CGTTATTAGA
503151 TAAAGGTGCT TGGGAACAGG GTTTTAAATT GCCAGCCTCC CTTTACTCAG
503201 GTGCTGTATA ATGCATGCAG AAAGAGAAGT TGAATCATCC CCAGCATTGC
503251 AATTCAGTGT TTTCCAATAG CAACAAAGTT CCCAGGCTAG CTCACAGGGG
503301 CTAACCTAGT GGAAATAGTA TCAAATTGCT GAGTAACCTCT TGAATATGGG
503351 CGCAGTTTCA TCCCCTGAGA GCACGCACAA TGCTGGGAG CACTGACATG
503401 CTCAGACCAT TGCCCTCTGA GGCCATGTTG TGATTGAGTA AAAACCAGCA
503451 GCTTCCACAG TGGGTTGGAT TCTGACCTAA GCTGTAGGTT CCCAGTGGCC
503501 AACCTTCCTA TTCCAGCCTC CCACTTAGGA ACCCCCTTTC CTCCAGCCT
503551 GGGAAATAAC AATGGGGTCT GTTCTACCCC TGTGCAGGGG AAAGGGGAGA
503601 GGGAGAGAGA GGGAGGGTGA TGGTGGAGAG AGGGATCCTG GAAGAACCAG
503651 CGATGCTGCT CATCCTTCAG GAGTAGCCAG GCTGTTCTAG GACCATGCA
503701 AGCCCATGCC TCAGGCGAGG CGGGGCGAGG ACTCGGTGGC TTTGTTGTCA
503751 GTCTAACCCC AGAAGCCAG GAGATAAAAG ACCACTTTTG GGGCCCCACA
503801 TGTACATAAA TAATGAACGG GGTACATTTT AACATCGTTT TTGACTCTCC
503851 TTTCCAGCAA ACTGTTAGAT ATTTGCTCAT TTCTTGTTTA AATTAAATTT
503901 CCACAGGCTC TGCTTTGAAC TGCAGTATTT TATCAATCCT GAGTCTCAGG
503951 AACTGTTTGA ATGGAATTAA GTAAGGTATT ATGTGTTAAA GCCTGTGTGG
504001 CTTTCCCTTG TTTACTTTGG GGGAAAGGAT GACAGGGGCA TATACAGTGT
504051 CTCAGTGCTA ATACTCCATT ATAGATTAAAC TCGAGTGTG GGGAGATGGC

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504101 TCACATTATC TTAACAGGCT TTCTTTCCTT GAAGGTGGAG GGTGGGTGAG
504151 GTGGTACAGG ATTCTGCAGG AAGAGCCAC ATCTTCAGAA TGTTCCCATG
504201 ACACCGTTTT CATTCTGCGG CAAAGGTGCT CAGTTTTGTG TCTCATTCTG
504251 TCTTTGGGTC CTGGTACATA GCAGGATCCT CACATGTATT TATATTTAAA
504301 TTAAACCGAT GCAAAGCTTT TCAGTCTGGT GTGTTACTAA TTTATGAGCC
504351 TTTTCCCTTT CGAGTTTTTT TCTCTTATAT AACCTATATC TGGTTAAATG
504401 TCTTTTACCA TAGACTGTTT CCAACTAGTA GCTAGATTGT TTCCAACCTGG
504451 TAGCTCACTT TTAGCTTAGT TTAGTTTTCA TTTTATAAAG ACTCTGAGAT
504501 TGGCCAATTA TTTGAGCATT GTGAGGTATT CATCTTAGTG TCCTCAGTAA
504551 AAGGGTAGAG GGAACCTCTC CTACCATTCA AGAAGAGTGA GCTGTCCAGG
504601 CTGCGGGTTA TTTCATAAGT TGTATTAATG TCACTGAGGC CTGCGTGTGT
504651 GGACTCCAAT GGTGAGTTGT TGCCAGAGGA AGATGGGAAA CCTGCACTCT
504701 GGATTTGTGT TGACTCCACG TTTCAGCCT CTGGTTTTGC ATCCAGACCA
504751 TGCACTCTAG CATCCTAAGC CCCGTGGCTG CTGTGGCAGT GGCTCTTTTC
504801 ACCTTAAGCA GGGAGGGAGG AAACCTGCTA ACCCCTGGGC TCTCTGACTG
504851 CAGTTGGGGT CCTTGGACCA GGGAAACAGT GCCTGTTTAC TAAGGTGAGG
504901 GTTTAAAGTG TCTTCTGGT TTTCAGTTCC TGACAAGAAA TGCTGTAGAG
504951 GTAGACCTTG GGTCTTCGTG AACCCACCCC AGTCTTTGAG TGACTGGGCT
505001 CTGCGGGTTA TTTCAGGTTT TTTGCGGGT GGGGGTGACT CTGACATGC
505051 ATGATCCGGG TCTGGTCTGC AGCACTCAGG ATACTTCCGG GCTGTGGAGA
505101 TGGAACTTGG GTCATGCATG GAGACTGTGA AAGTCCACC ACTTCCCGAG
505151 CCTCGGCCCT CACCAAAGGG CATTGGCTG TGGCCTGAGA GGGGAGCGGC
505201 CTGTCTTTCC CAGCTGTGTC AAGTCTCTAT GCCATGTTG TTTTGTCTTT
505251 TCCTCATAAC ACAGAGCCAA GCACACCTGC AAAAAGACAT TGCTGGAGGA
505301 GGTGCAGGAG CTGGAAACCA AGTCTCGAGT CCTGGGAAA GCGGTGCTGC
505351 GGGATAGCAA TGGAAGAGG TGGGGAACCT CGTCCCAGTC CGCACAGAAC
505401 ACAGTGTGCT CGGCCCTTT TCCCTTATTC CTCTCTGTAT TTCTTTTCT
505451 CATCTTGGTT TTCGATGGGA GCACAGTATG CTCAGGCTTA AGAATTTTGG
505501 TTATTCTCAG ATTTAAATCA CACTCTCAGT GACTACATGA AACCTAAATC
505551 TCTGGAAGTC TCCAGGTAAG ACTGGGGGTT TTATTGGGTT TAGAAGTGAG
505601 CAAAACAACT CATGTGCAGA AAATCGATGT TGTGGCAGTA TTATCTTAAG
505651 GTGGAAGAGT CCAGAGTTAG CAGTATTACC ACAGAGGAGT TAAAGCTAGG
505701 CCTTTGAATT TCAAACCCAA GTACTGTACC CAAGGATGAG TATCTACAGT
505751 GTGAAGGTTT GCATGTGAAA TAATGCATGT TGTTATTTCAT GTAAACCTGT
505801 TACATTCAC TTACAGCATAT CTAAATGGGG GAGTAGTTTT TAATGCTAAC
505851 ATTTTCTGCT GGGAGTGAAA GGAATCGTGT GAACTCCTGG AACAGACACT
505901 GCCGCTTGCT CTCCTAATTC CTCCTGAACA TGAGCCTGCC CTCCCCACA
505951 AGGAACAGCT GGGTCTGTGT GCAGTTTTTG TTTTCATACA CAAGATGTTA
506001 AAATGTTGTT AGAGTGCAT CTGTTAAAT CTATGTACCA TCAAGGAAA
506051 TTTCTTTGGG CCTGAGAACA ATTTGCAGGG TACTAGAAAG CCATTGCTCT
506101 ATTAAGGACA TGGAATATCT ATAATATTCT GAGTACAGCT CTCTATAAAA
506151 TGCTTAGAAG GAAATCAGTA ACCAAGTCT AATGAAACAA ACATCAAGAA
506201 ATCAAAATCT TATAGAGGTC CCCACTTGT GTTTTGCTTT ATATTGTGTT
506251 TATTTGTACC ATCTTTTAAA GCAATGAAGA CAAAATAATT TTTTGTGTTA
506301 AGAAAGAGAA TGCAAACATT TTGAGAGGCT TTCAAATAC AATTTCAAAC
506351 AGATTTTAGA AAAGGGATGA TGGCATAGAG TTGAAGTTGT GGTTTTGTAT
506401 TGTATTTATG AGTTATTTT TAGTAAGTTT ATTAAGCATT CATTTTATAG
506451 CAGCTATGCT AGCCACTGTA AAAAAATCATC AGTCAACAAG AAAAAAGCA
506501 CTGTCTTCCA TAAGCTTAAG TTTGTGAATA CATGGGGATG GGGGCTGATT
506551 TTACCGCAGA TGTACATATA ACCACTACGC GTGGTTGAGG CTGTTCAGG
506601 GCTGTTCTAT CCATCAGACA GCTGAGGCAT AAGGCTCAG ACCTGTTAGA
506651 GTTTTCAGGA CCTACCGTGC TCTTTGAGAC CTGAAAAAAA ACATATTCAT
506701 AAGCTCCAAA AATTAGGGAG CAGGAAACAT TGCATAATGA AATTAATAAA
506751 TGTTTTAAAC CCTATAAAAT GCATATCACT CTTAACCGTT AAGTTTAGTA
506801 AGGACAATAA GTTTATTATA CTTAGAAACA ACTTACAGGC TCCCTTATAT
506851 ATCAAGTATA CACAATGATT GCTGAGGGGG CATAAGTAAT TTCTAAGTAA
506901 AATGAGAATT TCAGAGCAAA ACTCTCAAAC TCCTCTCAA CATTTTACAG
506951 GACGACATCA CATATAATGT GGTGTGAGAA TGTGCTTTAG AGTGTGTTGT
507001 CTGATGTGGG GAGGGGTCAT CTGGCTTGAG CAATCAAGAA AGGCTTCATG
507051 TTGGAGATGG ATGAACAACA GGCTTTTGAG GATGGGAGGG TCTTGAATGG
507101 ACAGAACTGC TGAGAGTCTG ATTTGGGCAG AGGGAGTGGC ACATGCCAAG
507151 GCTCAGGTCC AACACTGTGT GCAGGGACCA ACCACCCAGT TTGGAGGGCC
507201 ACATGCATTT TGCAGAGATA CAGAACCTGC GTTTGAATTC TGGCTTTGCA
507251 ACCTACCGGT GAGGCCTTGT GCAGGATATT TCATATGATC AGATTGTCTC
507301 TTCATCTGTC ATAGAAGAAG GCTAATATTT TCTTTGGGGG ATTAAGGTTT
507351 GTGAAATATG TACAACGCAG CATATTGCCT GACCCATCTC AGGTGTGTAA
507401 AAGGTCAGCT GCTCATCTTC ACTTTGGCAG GAGAGTCATG AGGTGTCGGC
507451 CTTGAATTGT ATTAAGGAA GTCGTGGGCT GTCAGCCTTG AAAGAGTGTG
507501 TGAGCCCAT TTTGCTTGT GTTGATAAAT GAATGTTATT TTTAAATTC
507551 ACTTATCTG TTCAAATTC ATTTTAAAT GTTCAAATGG ATATCAGAAA
507601 ATAAGAGCTT AAATGCGGTT TCCTACCGTC TACATTGAA AGTCTTATTT

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507651 TCTGGTTCCT TGTAATTTTC ACTTTGTAGT TCATATGATG GGGTGTGTGT
507701 GTGTGTTTCT GTGCACGTGT GCGCGCACAC ATGCACGGGT GGGCCTGCAT
507751 ACTCCCGTTT GGTTGCACCA TTTTCTTTT CTCTAGTCC CAGCATCTTG
507801 CTTCACTTTG GAATTCCTAG CCAGAACACA GTTTGGGGGC TCTGCCGCTC
507851 ATCCTCCTCA GTGACCCCT CCCATTTGTT TTTCTCACTC CTAATTAATC
507901 ACAGATTTTC TGGGTGGTCC ATCTGCAAC TGATAATGG TGGCGTGTG
507951 CTCTCTGCAT AGAGTCTATG CTGTCCTGCT TGGCCTCCTA AGCTGCCTCA
508001 CAATTTGTTT TCTTACAACC TTTGTTTTCT TCTTTCACAC CTGCTTAGAT
508051 TCCTGAGGGG TGGAGGGTAG AGACTAAGAA GTCTGTCTTC AGCTCTGTCC
508101 TCCCTTCTAA AGATCTTATA GACCCCAACC TCTTTGAGGG GTCCTGAGTG
508151 TTTTGTCTC TTCTCACCCC TCCCTGTTCC TTCTTCTTA CCCTCATCTG
508201 ATCTTTCAGC TGATTTGTGT ATCTCTCTAG CTGTTAACCG CACAGGAAAC
508251 TCTGTCAATA TTTGCTGGCT GACTGACTGG CAATACCAA GTCTAGTGAG
508301 GTGGTAGTGA GGAAGGACG GTGACTTCAG TGCCAGATGA GCTGACACAC
508351 TGGTGCCTGT GTGTGCTGCA GTGTGTCGGA TGTGCACAAA GTGGCCACAG
508401 AGAGATGCTG ACAGTCACCG GGCCTCCAGG GAGGGGGCAG TTTATCTCAT
508451 TGCTTGAGAG TACAGCTAAC ATAGACTCAC ACATGGAGAG GCATCTGTGA
508501 TGTAAGATTA GCAAACTTTA CCCTTGCAAA GATGCACAGG CCAGGAGCCC
508551 ATCCTCCCTG AAACCCACTC CCTCTCTGCT CTTCTGTGCT CAGCCAAGCC
508601 AGGGCACCCC CAGGGGTCTT CAGCATCCCT AACCCAGGG GCTTACTCAG
508651 CTCAGTCTG ACAGCATTGC TTAGGGCCCC TTAAAGGACA TTCTGCCAGG
508701 TCATAAAACC CAGGTCCAAG TCACTGGCAA ATATTCTAGC AGTTTTTCTT
508751 AGGAATGTAA CCACAGGAAG TAGAACAAAA AAAATCTGTA TGCATTAATC
508801 TTTTGTAGAA ACCCTCTTGT ACCAAATTTA CAATTACAAT TTTGAAATGG
508851 TAGCCAGGGA TTCTAAGTTT CTCTCTGTGC CTTTATTCA TTCAATAAAA
508901 TATTTTCATC CAACATTTTA TTGAACCTGT CTAAGCCTCA TACTTTTATA
508951 CTATTTTGAT AAAGTTAAAT TTTCTGAAC ATGCTTCTGC ACTTTCTCAT
509001 TAGTAGATCT GTCTTCCAA AATCAACCTG TGGAATTGAT ACTTTAATAA
509051 GCCTGTTCTC ATGAAGAAGC AGATAATGAG AAAGGTGAG ATCAGGGAAT
509101 TAGATATCCA GAAAGCACAG TGAAGAAAGT GCTTTAGGGA GTGAATAAAA
509151 TGTGTTGCTT GATTTTAGTT TGTCTTCTT GAAGGAGTGT TTTTCACGAT
509201 GTGGTGTGTT TGCGCCTTAT AGACACTGGA CACGTGTGAC TGTGGGGTT
509251 GATCAGAATA CCTTTTCCCA AACTGTCTTC CCAGTAATCC CTACCTGGGG
509301 AAGCAGGAAC CCCCCGCAC CGCACATGAA ATAGTCTACC CTGCATGTGC
509351 TTATTTTGAG TGTCTAAACA ATGAGGAGCT AAATGGAAGA AAATCTTTG
509401 TTTTGTAAAT TCTTGGTAAT ATCTTCTCT TCTTTATTCC TGAAGTGTA
509451 GCCATGCAAA TTTCTTCCCT GGTGAAAGAA AATCTATCTG TGGCCACTCA
509501 CTTTACAGA TACATATAA ACCGATGACG GCGTGTAAGA TGACAGACTT
509551 TTGTTCTCTA ATTTTTTTT GAATGAGATA AGTGGTTGCC CTGTAATATT
509601 TTAGGTACAA TTGCAAGCAA GAAAAAAG GGGGAATATA TTTGTTGAAA
509651 ACATCTAGTT TTTGAGTTAT GCATAGCCTG AATAACAAG GAGAGCTTGT
509701 TCTATTCTA GATCACCTTT CACTCTGTT ATCCCCAGTT GTGGGAGTGG
509751 GGTGGGGTGG GGTGAGCCCA GGGCTGATAT TCTCCATTGT CAAGGGTAAA
509801 CAGACCCGGT TGCTGCCCT GCCTTTGCCA GGAAGGCAGT GGATTATCTT
509851 CCCCTTAAGT GCTTCCCTG GGTGTAGCTT ACGCTGTGAC TTTGGTGAAG
509901 GTAGCTGTGT GGCTGGTCTT AAACCTTCTG GCGAGCCGTC GCCTCGTCTC
509951 CCTTCGGTTT TGTGTTCTGT GAACATCTGT GCGTGGCCCT GTGACCCGGG
510001 GTAATCTGGA CGGCCCATCA CCGCCAGGGA ATTGAGGAG GAAACCTGAC
510051 TCTTGCTCTG CGGCTCCAT TTCATCCAGG CTGCCTCTAA ACAGGCAGGG
510101 CCCTGGTCAC AGCCTTGGAC AGGTGGCCTG GGATCCTAAT GGAGCTCTCT
510151 CTGCCGAAAA ATAGGAACAG AGCCTGAACC ACAGCAGCAA GATTTGAGC
510201 AAACCAAAGA TTGTTCTCC ACTCCAGGCA GTGCTCTCGA GTGCTCCTTT
510251 GAAACCAAGT CGTATTAAAA AAATGAAACA ACACAACTC CCGAATGCAT
510301 TCTGAGTGAG TACTCAACTC AAAAATACCT GTCATGCTTT GATCTTTAAC
510351 GGAAGTCCTT TGATCTTTAA AACAGTGTG AAAAACTGT TTAGTATCAT
510401 CACACCTCTA AGTCAAAATC AGTCCCACTG CCAGGCTGAG CATGTCGCTG
510451 AGCCAGCCTG AGGCAGGAGG GATGCAGGCC TTTTGCACCG GACTCCAACA
510501 ATGACTGCGT CACTTCAGGA AATCGGTTTT TTCACAGTAC TGGCCGTTGG
510551 CAGTGCACAT GTGGTGCATC TCCCTTTTGC TTTCTGTTCC CTTCTCCAC
510601 ACTTCTCTCC TAAAATACCT ATTATTGGCT TTTTCTCCAG CCAAAGGAT
510651 AGGAAATTAG GGCATCCTTT CAGCAAACCT CTCCAGGCCA GGTGGCAAAAT
510701 GTCTGCTTCC AGCACCTGGT TGAGATTTAT TTTCTTCCA GCTGCATTTT
510751 TTTTCTCTAG CTCTGTCTAT AAGCAGAGAA GCGAGTGCAG ACGGCGGAGA
510801 CAGATGACCT GAGCTGGCT CTAGCTTAGC TGTGTGGCCT TGGCTGGGTT
510851 ATTAACCTCT CTGAACCTCA GTTTCTCAT CATACTTCG CTTTGAGGTT
510901 TAAATAAATA ATGCAGATTA AATCTATAGC CTATGTAGAT GTTCAGGAAG
510951 CGTCCCTTAA CTGAAAAGCT GCATAACAAG TACATTTTAC TGGCTGTGTT
511001 TACCATCTAA CATGTAAGCC TGGGGAAGAT GTGAATGCAG CAGGCTCTCC
511051 GAGTTGCATC GTCGGGGTGT GCCCCTAGT CTGAGGTAAA AGGGAGAAAT
511101 CTAACAGAAAT CCCAGGGACA TGGGAGTGGT GTGGACGAAT GGCCGTAGTG
511151 AATGTTGGAT GGGGGTGTGG TGGGACTGT AGTGAGTTCT GAATCTTGGT

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511201 GGTCTCCTCA AGACAGCCTT TGGATTACAG CTTCAAGGAG CTCCTCTTTG
511251 TGAAGAGGAC AGTGTACCCA GTCCAGGCTG TCCCTTCTGC CCCAGGATCT
511301 CTCGCCAGCT TACCCCTGTC CATCTGAGCT GCAGTCTGTC TGTAACGTCT
511351 ATGCCGGTCC TTGCCACTCC TCCCCAGAAC CAGCCCTTCC TTCGGAGTCT
511401 CCTGCTCCAT CGGGATGAAT TTTTCCCACA CTGCAGACTC GCTCTCAGTG
511451 TCCACACTGT CCCCTCATGT CCTGCGCATC CCTGGGTGCC AGGTCTCGGC
511501 GTCTTCCGAG CATCTGCACA GTCATCCCCC CTGGTCCCTT GGGGTGGTGC
511551 CTGTCCCTCT TCACCCACCA TCCCACAGCT GAAGACATCC TTTGTGAAGC
511601 ACAGCCTCAT CATGCCACCT TCTGCCCTCA GCCCACCACC TGCTGAGCCA
511651 GTGCAGACCA GAACCACAGT GATTTCCGCC TCTGCTTCTC TTCTCACGTG
511701 TGGGACCCCTC AGCTTCCACC TCCCCTGTCC TCCCCACGCT GTGCCCTTCT
511751 GTGGTTGGTG CTACCCCTTG CTCTTCTTGA TTGACTGGTT TTATACGATG
511801 GTGTGCACT GTGTCCCAAG CACTGGGCCA CACGTGGGCT ACTCAGGGGC
511851 AGCAGGACAG GCCTTGTCCT GGGAAACAAAT GCCGTCCACC TCAGGACACA
511901 CTCTCTGATG TCACCAACTT CCCTGCTGTG CTGATGGCAG CCTGAGCTTC
511951 CCTTAAACAA CTCATTTTAA AAGTTTTATT TTCGACCGGT TCGGGTGGCT
512001 CACGCCTGTA ATCCCAGCAC TTTGGGAGGC CAAGGCGGGC AGGTACAGAG
512051 GTCAGGAGAT GGAGACCATC CATCCTGGCT AACACAGTGA AATCCCCTCT
512101 CTTCTAAAAA TACAAAAAAA AAAAATTAGC CGGGTGTGGG GCGGGGCACC
512151 TGTAGTCCCA GCTACTCAGG AGGCTGAGGC AGGAGAATGG CGTGAACCCG
512201 AGAGGCGGAG CTTGCGGTGA GCCGAGATCG CGCCACTGCA CTCCAGCCTG
512251 GGGGACAGAG TGAGACTCCA TCTCGAAAAA AAAAAAGAA GTTTTATTTT
512301 CATTATTCAA ATATTCAAGC ATACATAGTA GTAGGGAGAT GAGCACATA
512351 AGCTCTTATG AAATCATTGC CCAGGTCCAA TCATTATCAA GATTGCGCCA
512401 GAACTGCTTC ATCTACCCCC TTCTGCTCAG AGTCTTTCTT TCCTGAAACA
512451 TAAAGCAAAT CCCAGGCATC ACGACAGTCC ACCTATGCTT TAGGAGGCAT
512501 CTCTAAATAT TCCACGAGAC TTTATAACAT CTGTGATACA CAGCATGCTT
512551 GTTTATGTTA TTAATGTAG AACTCCAGTC CCCATGATCA CATCTAACAA
512601 GTTAATAATA ATTCCCTGGT ATCAGTCAAA CAACCCGTCC ATAAAAAGAC
512651 TCTCTGGATG CCTCAGCCCT GCCTTTTAGG ATTGATTGAT TTGTGTTAGG
512701 ATCTGGGCAA GGTTACACA TAGCATTGG TTTCTGTGTT CCTCAAGTTC
512751 CTCTGAATCT GGAGAACTTT CTCTTGTTTT TTTGTTTTGT TTTGTTTTGT
512801 TTTTAAGATA CAGAGTCCCA TTATGTTGCC CAAGCTGGGC TTGACTTCTG
512851 GGCTCACTCC ATCTTCTGTC CTCAGCCTCC CAAGTAGCTG GGATTACAGG
512901 GATGTGCCGC CATGCTGAGA CCTGTCTTCC TGGTTTTTAA TGCCATGGAC
512951 TTATTCAATTA TGCTCCACTT TATTTTTTTA TCATAACACT GATCCCCACA
513001 TGCAGCAAAT GAAAGTTTCC TCATGTGCAG AAAAGGCGAT GAGGCCTCAG
513051 AGAGATGGAG TCACGTCTGC TCAGTGTAC CCAACTAAAG AGAGGCAAAC
513101 CTGCATCTTC TTACTTCAGG CCTCTTTCCA CCAAGCCAAG ATGTGGAGAG
513151 CCACCCAAAT CCTTGCATTT GCAATTACAT CTTTATTAGA GAGACTGGAA
513201 AGCCACGGAG CCCCAGAGA GACCAGGAGG GGTGCTTACC TTCTAGCATG
513251 GTCTGATGAA AAGGGTCACA GTCTGCTGTC TGGTGAAGCT GCGTGCAAAA
513301 TCCAAGGAAG CTAGAGAATT GTAGTTGCAT GTTGTGTCT TTTAGATCCC
513351 TACATGTAGG AAGAACTTGG ACCAAGCAGA GAAATCATAC CCTCCCCCA
513401 AGAAATGCTG AAGCCAAACC AGCGGACAAA TTCAGAGCAA ATAAAGGGAA
513451 AAGAGTGTGT GAAAGCGGCT CATTTTGTGT GTTTGTTTGT TTGTTTTTGT
513501 AGACAGAATC TTGCTCTATC GCCCAGGCTG GAGTGCAGTG GTGCGACCTC
513551 AGCTCGCTGC AACCTCTGCC TCCCAGGTTT AAGCAATTCT CTGCTCAGC
513601 CTCCTGAGTA GCTGGGATTA CAGGCACCCG CCACCATGCC CAGCTAATT
513651 TTGTATTTTT AGTAGAGACG GGGTTTCACC ATCTTGCCCA GGCTGGTCTT
513701 GAACTCCTGA CCTTGTGATC CACCCCAACC CCCACCCCT TTCCCCGCC
513751 TCGGCCCTCT AAAGTGCTAG GATTACAGGC ATGAACCACC GTGCCAGCC
513801 GCAGCTCACA TTTTGATATG GCTCAGGAAA GAGAAGCCTT GCTAAAGAAG
513851 CCCCATTTC CACCCACAGT CACCTTCGTG GAGCCTAGTA TGGTCTATGA
513901 AAAAATTAAT TGAATGCGTT TAATCTTGTA GAGCAAAGAA CCTTGGGCAA
513951 AGCCTAATGC CGGCAAACAT TTTAGTTGAG ACAATGGGGA GAGTTCTTAG
514001 GAGAACAGCT GGAGAGCCAA CGACGCTCCC AGGCAAGGCC AGTTAAAGCT
514051 CTCGCCTTGC TGACAAATAC TCGCGACAGG TGAGGAAATG CATTAGTGGA
514101 ACAAGGGAG TGAATGTGGC AGGAAATTAC CGAAAGGCTG CCCGCATGAC
514151 CCAGCCGGGC TTCTGGTGAC TGTGTGCATC CTGGGCACAG GAAGGAGAGG
514201 AGGAGGAAAA TAACTCTTC AGGAAGTGAA ACACCTCATT AGCATTTAGT
514251 TAATGCCTAA GCTGCCTGTG TCAACTAAAA ATAATTGATT CTCTGTTATT
514301 TTAGGAATGT TGAATCCAA GAGCCTGTTG TTGTTGTTGT TGTGTTATT
514351 GTTCTTATGG ACCGATGTTT AATAATTAGA AAATTTTTAA ATTAATACC
514401 AGATGTCATT TATTATTAAG CATCTGTTC ACCTTTAAAA CGGTGCTGTG
514451 GCTGTATCAG AAATCTAATC AGGAGCTTAG CTACTTGCCC AGTGCTGCGA
514501 TGAAGAAGT CAGCATCTTT AGAAAATGCC TGGAGAGAAA ATGGGAAGAA
514551 GTGTCCTCTT GATGGAGGGA GGTAAGTGTG GAGAGACCAT CAGTGTAGC
514601 GGTGTGCTAG TAACACGGCC TCAGGCTGTA TTTCCAGGAT GACTTGAGTA
514651 CATTCCTTT TTTGAATTAT GACTTAAAT AGTTCCATGT CAACTTTCTC
514701 TATTGCCAA CAAGACTTTT TTCAAGAAC CATTTTACT GATGAATTTA

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514751 TTCTCAGTTC CAAACAAAAC TAGTGTGGAC AGCTAGCTCA CTGTATCCCT
514801 TTTTAAGTAG TGATGAAATA TTTTAATCTT TTTGGGGAGG ATAGTTTAT
514851 TTAACCCACT TGAGCAGCAA TAGAACATT TAAAGGTAGA TTTGCCAAAA
514901 AAAAATTGCC ATTGTATAGG TCACATAATT TGAATAGTGA TATTATACAT
514951 TCCAGGCGGG GATTAGTTCT TCAGGAGGTT CTGGGATCTC TTTGCTAATC
515001 GCTTTTCTCC TGCCTTATCA GTGAGTTGTT TGCTTTTCCC TTCGGCTTCC
515051 CGTTTTGCCT ACCTCCAAC GTGACTGATC TCTGAGAGTA AGACATTCCA
515101 GCCTGAAAAC AAACAGGCAG GTACACCCAT CCTAAAATTG AGTTACAATT
515151 TAGATGTTAT CTGGGAATAA CCGGATTCTA CTGTTCATTT CTCAATGAGC
515201 CTCTCCCTAA ATTCTTACAA AGGCGTAGAG AAGAAGTGTA GACTCCCAGG
515251 CCCCCCAGCA TTCAGGGTTA AAGTGACTTT GTAGTGCATC TGAGAGAACT
515301 GCTGGATCCC TGGGACGTCC TGGACTGTTA CAGGCAAAAA GAAGACTCAG
515351 GAGAGGCCGG GCGCGGTGGC TCACGCCTGT AATCCCAGCA TTTTGGGAGG
515401 CTGAGGCGGG CGGATCACGA GGTCAAGGAAT TCGAGACCAT CTGGC AAAAC
515451 ACGTTAAAAC CCGTCTCTAC TAAAAATACA AAAAATTAGC CGGGCTTGGT
515501 GGCGGGCGCC TGTAGTCCCA GCTACTTGAG AGGCTGAGGC AGGAGAATGA
515551 CGTGAACCCG GGAGGCGGAG CTTGGAGTGA GCCGAGATCG CGCCACTGCA
515601 CTCCAGCCTG GGCACACAGAG CGAGACTACG GCTCAAAAAA AAAAGCCTCA
515651 GGAGAAATGC TGGTTGTTTT TTATTCATAT TTGATGGCTG CTTTTCACA
515701 CTACAGCACA GAGCATGTCC TCCCAGGCCC CTGACGTGGT CTCTGTCACT
515751 AGACTAGTGA CTAGTCTCTG TCACTAGTGG TCTCTGTAC CATTATGTA
515801 TACACTAGTT CTGTAAAGCC AGCACTTGGA AAGCCAGTCA AGGTCCAGTT
515851 AGGTCACGGG TGAATGACAT CATTGGCCTT GTGGTTGAGA GGAAGTTGGA
515901 GAATATGTAA AAGTTATCAC CAAGAGATGG TCATTGTAGC AGGAATCACT
515951 GCATTTAGCA ATAGATTTAT TGGATTTTGG GAAACATTTC TCTATTAACA
516001 GGAACAGAAA AAAAATTAT TCTTGGGTTT AAAAAAACCT GGCATGGATC
516051 TCATGCTGGT GTATCTAAGA GTAAATCTTT CTGTAGACCA GGACACGTGA
516101 ATGACTGTCA CAGAGCCTGG ATTGTTAGTG ATTCACTGAG TCCCAGTTAA
516151 GTCTTCCTTT TCTAATAGGG CAGTGATAAT ATGATTATTC AGTGTTTATT
516201 CTCTTCTCTT GGCATTAGG ATTGGCTCAA GGCCCTTAG GTGGTGGTAA
516251 TTGGGACTTC ACAGTTACTA ATGAGTAAAC ATGTTGGCCT CATAGCAAT
516301 AGAACCAGTA ATTGGCCTAA TGTGGGCGCA GTCATTATG TATCCACGCA
516351 ACAGACATTT ATTA AAAACG GAGGAAGTGC CAGGCCAGAC TCCGGCCTAG
516401 AATGAGAGAG GGAATTCCTA TTGCTTTAGA GCTCGCCTGG TAGTGGGAGA
516451 CAGTGAGTGG TGGCTCCTGG GAGGAAAATG AACCAGAGGA CATAACGGGG
516501 AGTGAATGGC TGGGCTGGAG CAGTCAGGGA AGCCTCCTAA GATGACACTG
516551 TCGGGGAAGA AAAAAGTCAT GTCTTTTCTT CATCCATTAC AAGGCTCATG
516601 GCTGACACTC CTGTAACAAC AGTCAGAGTA ATCAGAGAAA AGCGTAACAG
516651 ACTTATTTGT CAAAGTTTTT TGTGACATGG GAGCCTTCAG AAATGAAGAT
516701 CCAAAAGACC AGGGA AAAACC GTATGTATTT TTATGCCAAT GAAGAACGGA
516751 CAGTCATGCA AAAATGTGAT TGAAGAAAAA GGGGGTAATT TATCAAGCAT
516801 GGGGAATTCA GCAAGACCTG TCTGTTGTGA CTCTGGGCCT CTTTGTGCAG
516851 CCTTCTCTCC CGCTGGGTGT GGGGCAGGAC CACTGTGGAA CGCAGGTCTT
516901 ACGGCCTCCT CTCAGGGAAG GAAGGTCACT GAGCACCTTC ATGACTGTGC
516951 TTCCCACTGA AAGGTAGGGA GGATCAGAGC AACCCTCTTG CTTCTGAGGC
517001 CTTCTCAGTC TCCTTCAGTT CACAGTGCTC AGGGTCATAT TTTCTGAGCC
517051 ATGACAACAT TTAACTGAG ACCTAAACAG GCAGTCAACC AAGAGGAGAT
517101 CTGGGGAAGG AACGTTCCAG GCACCAAGAA TTGATAAGAA GGCCTGTAGG
517151 GGGAGTGGGA GGGATGCTCG GTGTGACCAG TGCCTGGGAA ATGCATGACA
517201 AAGTCATCTA AGAGATCTAA GAGGCAGCAG GAGCCAGATC ACACAGGCCCT
517251 TTGTGAGCAG GGTCTTAGGG CATTGSAATG TAGCCACCAG GAAACATTTC
517301 CATGGGAGGA GTTTAAGCAA GGGACATACA TGACACAAAT TTTTAGAATG
517351 TGTGATTACC ATACTACTTA AAAGCCATAG AATCCCATTG TCAAAGTTAA
517401 AAATTGAGTA AAATCTCTAG CCAGGCACGG TGGCATGCAC CTGTATTCCC
517451 AGCTACTCAA GAGGCTGAGG CAGGAGGATC ACCTGAGTCC AGGAGTTTGA
517501 GGCTGCAGTG AGCCGTGATT ACAGCGTGTG AACAGACACT GCACTCCAGC
517551 CTGGGCAACA TAGCAAGACC TGGTTCTTAA AAATAAAGAA AAAGTTAAGT
517601 GAAACCTCAA TACTGTATAT AAAAATACAC AAAATATTTA TTAGTATGAA
517651 TTTATGATAT GTGTTCAAAAT TAAGACATTT ATTGTTCTAA AGTCAATTGG
517701 CGTTAGCAAT GAGTTGATTT TTCAAAAACGA CAAAAATTAG AAGTGAGTGT
517751 TATGGAAGAC AGTTTGCTTT ATATCATCTC TATATCTAGT TTACTTTTGT
517801 TTTGTTTTGG GTTGTGTTGA GAAAAGCCTT GAGGGATAAA GATTAGTTGC
517851 CAAGTTTGTG TTTTCATACT TTGCCTTGTG ACCTCAGACT TTCTCATTTT
517901 TGTCTTTGAT TATATTAACT TGTGCTTAA GTATACAAAGT CATACAAAGA
517951 AGGAACCAAC AGTTTGTGTA CACACTGTCT CTGAAATCAA AATAGCATCA
518001 TGTGATAATT GATCTCTGT TATGTGACTG ACATAATATA ACAGTCACAT
518051 GTTCCACACA GACAGGAACA TGGATCAGGT AATGCATTT GTGAGAATAG
518101 GCTAATTGCC AGTATTATTT TATGTGAATG GACACGTAAG AATGCTTGT
518151 TGA AAAATAG CAATATGTAA TTACAATTAC TAATTACTAA TCAGTGACCT
518201 ATTTGTAAAA TCAAAAATAA GAACTTTTAT TTAATCTGAG ATCCTGACAG
518251 AAGCAAGTTA ACTTGAAAAT ATCTCTGGAT TTCAATATAT TAAGATTTTA

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518301 TATGTATTAT ATGAAACAAT TCGTATGTTT TTATACTAAT TAAATATTTT
518351 TTAAAAATAT TCAATGTATA AAAAATGCAA TTTAAAAATG AGTGGCTGAA
518401 AGAATAGTAA ACAGCACTGT AATCCTAAAA GCTTGTGTTA ACTTTACATT
518451 TCAATTTAGT CACAAAATAC AGATGGATAC ATTCCTGAAA AAATGTGAAG
518501 TCTTTAGTAA GAATAGACAT TTTTGAGAGA GTAAGGCACA TTAAATATT
518551 TAATATTATA CATTTAGTTT AGGAACATAA AATGAATAAT TAAAAATTTT
518601 AATGATTTTA AAGGTATAAT TTAAGAGTTG TACATGTGCT CACTGAATTT
518651 ACTGATAAAT ACAACTTTTC ATTACTAGTG GAATCAAAAA TTTTGTGTTT
518701 TCCCATATCT ATTTTTTTGG CCAGTTCATC AGAAATACTC AAAGATTTTA
518751 GATGGGAGAA ATTTTAGATT CTTAAGCTAT TTCTAGAATG ATGGTGGTTT
518801 TGTTCCTCAA AGCATTGATC TGTTGCCAG ACCTTTTGCC CTCTTGCTC
518851 TGTCTCACCT ATTCAGAAAG CACTTGCTCT TTAaaaaAGA ACTGAGGACA
518901 GGAACCTGGCT GAATACACTT TTGTCATATG GAACCTTGGG CTATTGTCT
518951 AAGCTATCAT CTTTTCACCA TCCTCACAAA TCTGTTGAAA ACTGAAGACT
519001 CGCGTGTGAC AAATTCCCTT TGCATGTTCC CAATTATATG ACAGTGCTTT
519051 TCACATGACG CAGAAGATTG CAGACACGAA AGCACTCAAA AGCAAAGAGA
519101 CACCGGGGCT GGTGGGGGCA CAAGCTTGCT GCCATGTTGC CGGACAAATT
519151 GGTTGTATTG TGTGATCAAA CATCTAAAGA TATTCTGTAC ACTGGAGCAT
519201 TTGAGACACA GTGACATTTC AAAGTGAAT CCAAGTGAGC TTTTATTTT
519251 GATAACCCAG AGAAATGCAG TGGCCACACA TTTCTGCTCC ATTTTGGCCT
519301 CTGCTTCTTG GACCCATAAA CTATGTGATT GCAATGCAGC CAGCTGGAGA
519351 TAACATTTCT GCTGTGGCGT CAAGGTTTTT CACTTTAGTT TCTTTGGTAT
519401 TTGGAATGTA AAATACACCT ATGCCCTCAA AAACAATTTA TTAATCTTTG
519451 TAACGTGACT GTTTTGCAAA AAATGTCTAC AAAGTGCACC ATTTGATTCC
519501 AGATAAATAA ATTTCTTTAT ATGGATCTTC AGGCAATTCT TCCATTAGGC
519551 ATAGCAGACA TCCTCATCTA TGTGCCTCAG ATTCTCTGTT CTTTTGTTC
519601 CATATAGGAT GTCTTTTTCT TCCTTTTAT GTAATATTCT CAAAGGATAT
519651 AACCATCTCA TTCCATCAG TTTACTTCAT GGTTTGTGTC AATGCATTAT
519701 TCTTGCAATT GCTTCTTTCT GGAACACAGC AGTTTATACC ATGTTTAGGT
519751 TTTATGTTTT CTGACTTTTG TTCTTTTGTA GCTCTGTTGG AGTGAGTCCA
519801 ACTTATGACA TCATTAGCAA TGTTTTGTAG GCTCTGGGAT GCACCTTCTG
519851 TGTGCTGCTT TGTATTTTCT GTGCTGCCTT CATGATAGTG TCCACAGAAA
519901 ATAATTTTAC ATTTCTAAAA CTGATATATA TTCAGCAACA TTTTTCATTT
519951 ACTTACACCA TGAAGAACAA CAACAAAAGA AAATGAAGTA ACAACAGCAA
520001 GTGAAAAATC AGATAATAGA GCTAGCAGTA AAGTCTGTAA TTTGTTCTCC
520051 CAAAACCTTG TTCAACCAAC TGAGAGGAGC ACAGAACATA ATGCACCTGG
520101 TTTTGTCTTC TACAAACCAT TAACCATGA CATTCTAATC CTTAAAAAAA
520151 AATTGCACAT AATACCTGCT GAGCAAGTAG CATTATAAGT TTTTAAAAAT
520201 GCCTGTGAGT AGGCATATCC TGTGTAGAG AATTATGTTT TAAAGTACA
520251 TTTCTTTTAT AGAACCTTGG TGAGTTTCTT CCTAATCTT CAGGGGTCAA
520301 CTGGGATAAA ACTAGGGTTT CTGAGAACTT TCCAGGCATG GTTCTTTTCT
520351 TGAGTTGTG AACTTAAAGG TGTAAATATT GTCATCCTTT ATGGAGATGT
520401 GAATCCAGGC AAAAGCATGT ATCAAACCTT TGCGATTGTC CAGAGGTCAA
520451 GCTGAGCATT GAAGAAACAG AGAAACAGTA AGGTAATGAT GACAAATAGT
520501 AGACAGAGAA TGGGAACACA ATGTGAAAAA CATTTTAATA AAGTGATGAG
520551 TGACATTCCA GAGTGCCCAA GGAATAATAG AATTCCCAAG CAGGTAGTGA
520601 AGCAGGGGAC GAGAATGACA CAGCTGATAT AAAAAAGTTT CTGGAGCCTG
520651 GGTGCACTGG CTCACACCTA TCATCCAAGC ACTTTGGGAG GCCGAGGCAG
520701 GAGAAAGACT TGAGGCCAGG AGTCAAGAC CAGCCTAGGC AACATAACGA
520751 GACCCCGCTC ACTACAAAAG TTTTAAAAAA AATTAGCCAG GTGTGGTGGT
520801 CGGTGCATGT GGTCCAGCT ACTTAAGAGG CTGAGGCATG GGGATCGTTT
520851 GAGCCCAGGA GTTCCAGGCT GCAGTGAGCT GTGATCGCAC CACTGCACTC
520901 CAGCCTGGGT GACAGAGCAA GAAACCGTCT CAAAAAATAA AAGTTATCCA
520951 GGAGTAATGA AAAGTTTGGT GTGATGGGAG CTGAGAGTCC AGAAAGGTGC
521001 TAAGAGGGTA GTTTGGAGCT GGGCCAGTG GCTCATGCCT GTAATTCCAG
521051 CACTTTGGGA GATGAAGGCA GGTGGATCGC TTGAGGTCAG GAGTTCGAGA
521101 CCAGCCTGGC CAACGTGGTG AAACCCACCC TCTACTAAAA ATACAAAAAT
521151 TAGCCAAGTG TGGTGGTGCA CACCTGTAAT CCCAGCTACT TGGGAGGCTA
521201 AGGCACGAGA ATCGCTTGAT CCCGGGAGGT AGAGGTTGCA GTAAACCAAG
521251 ATTGTGTCTT CTAGCCTTGC CGACAGAGTG AGACTTTGTC TCAAAAAAAA
521301 AAAACAAACA AAAACAACAA ACAAACACGA ACAAACAA AAAAAAAG
521351 AGGTTAGGTT GGATAAGTAA GTGAAGGCCA AATCATAAGA CCTGTGATGA
521401 AGTTGGGGCT GTATTCTGTA AGCCACGAAG AGTCATCAAA AGCCTCACTT
521451 GTGAGAACTA GTTATTGAAT GAGATCCTGT GAGTAGAGAA TTTATCAAGA
521501 TCTCGGCAGC ATGACCACGC AGAAACAAAC AGAAACAAAG GAATGTGTCA
521551 CCAGGATTCC TCTCTCATGC AGGGCTGTGT TAGGACACAC ATACTTCATT
521601 TGAGATTGTT TGGAAAGTCA CCTCTCACC CCACCTAGA ACAACTTACA
521651 TTAGAGAAAC GTTTTCTTAC AGTGGCCTCA CACACACCTT TTTGAGGAGA
521701 AATGAAAAGC TGTAGTTTAA CAACCGCTT ACACGTAAGA ACGAAGGAAC
521751 CAAATGTGCA AATTTAGAAT GACATTGCAT TGGGCTGACC ATAAAGTACC
521801 CTCCATCCCC AGGGCACTGC TAATGCGGAG AACGTGGTTT GTCATACAAG

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521851 ACCTACTGGG TAGCTGTTTA TTTAGTAGAA ATAGTGTATG CTGGTTACAA
521901 GAATGGAAAA GAGAATAGAA CTAAAATTAC TATTATCAAC TACATCCAAA
521951 AAGCACACAA AAAAAATAACC ACTAGGTGTA TATCTCAAGG TCAGAAGGCC
522001 AAAATTAAAT AGCCAAGTTC TTTCTTTCTT CTTCATATCC TTTCAGTTCA
522051 TTCTCTCTGC TGTCAACCCA CGCATATACT CATGGTTCCCT TAAAGTCTTT
522101 CCTTGGGCCA GTGGTTCTTA AAGAACTCTT ATGTCAGTAG AAGATGCTTT
522151 CAGTTGCCGA TACCAGAGAC CTCACCTCAA ACTGATCTTC AGGATTAGAG
522201 AAGCACCTAG CTTGTTTAAT TTGAACGTCC CGCTGGGGGG CAGTCATGGT
522251 CGATCAATCC CCAGCCAGAA TGTCATCAGA GACCCACCAG TCTCTTTCCA
522301 TCTTTTCACT TTGCCCCCAG TGCTTTATAC TGAGTCGGGC CCATGGCCCC
522351 TGTGGAATA ACAGGGAGGT GACCCAAAGT AATGGGGACT ATGGGCATCC
522401 TTGTTACCA GTGGAGAGGG TGTGTTTGCC CTTGACAACC AATTGACCGA
522451 AGTTACTGTT CACCATGCTG GAACCAACCT GAGCCAATCC CTACAGTCCA
522501 GGAAATACCA TGGTGGGTTG GTTTAGACTT GGATTACCAA AACCTGTCCA
522551 TGTAGGAATA TTGGGGTGGG GGTATCACTG TGACTATCCA TGCTCTTCAG
522601 CAGTGAGGGA AGAAATGGAT GTTGAGAGA ATATTACAT GTCTCCTTCA
522651 GGCTCTGAG AATTTTCATGA AAGCCACGTG CTATATCCCT GTGTGTTAAT
522701 TTTGCATTCA GTTTTTGGAG GATTCACATA CCCACTGAGG ACTGTCATTG
522751 TTTTGTCTTC TCTTCAGCTT CATTGAGGTA TAATTGACAA ATAAAAATTC
522801 TATGTATTCA AGGTGTACAA CAGATGGTTT GATAGACGTA TAGATTGGGA
522851 GATGATTGCC ACAATCAAGC TAAATACATA TCCATCACTT CACAGTTACC
522901 CTTGTGTGTG TGGTGAGAAC ACTGAAGATC TACTCTCAGC ACATTTCAAG
522951 TATACAATCA ATTATTATTA ACTATAATCA TCATGCTATA CATTAGCTCT
523001 CCAGAACTTA CTCATCTTAA AACTGAAAGG TTATACCTTT GGCTAACTTC
523051 TTACTATTTT TCTCACTTCT TGACCCCGGG TAACCACCTT TCTTCTCTTT
523101 GTTTGTGAGT TTGACTTTTT ATGGATTCCA CATACAAGTC AGATCATGCA
523151 GTGTTGTCTT TTCTGTGCCT GGCTTATTTT ACCTAATGTG AAGTCTTCCA
523201 GGTTGCTCCA TGTGTGACC AATGGCAAGA TTTCTGTGTT TATGGCTGAA
523251 TAGTATTCCA TTGTGTATAT GTACCACATT TTCTTTATTC ATTCCTCTGT
523301 TGATGGACAC GTAGGTTGAT TCCATATCTT GGTTATTGTA AATAATGCTG
523351 CAGTGAACAT GGCAATGCGG ATGCTCTCTT AACATACTGA TGTGTGCCCC
523401 TCTGGATGTA TATACCCGGG ACTAGGATTG CTGAGTCATA TGCTTATTCT
523451 CTATTTTGA ATTTTTGAG GAACCTCCAT ACTGTTTTCC ATAAATGGCTA
523501 CACCATTTTA CATTTCCACC AATACTGTAA AGAATAAGGA CCATTCCTTA
523551 CCTTAGAAAA ATAACATTGC TTCCCAGAGG CAGAAGTGCA CCTTATTCCT
523601 AGATTTTCAGC ACTCTCTGTA CTGTTTATCC ATTCAGGAGG AACTACAGTG
523651 ATCAAACTACT GGAGATAAAT AGTGGTTTAA AGCTTTTAT TCATAATTTT
523701 TACAGATGAT CTAGAGATAG GCCAAGTAAT AATATGTAAA TAATTAATTT
523751 TAAACATTCT CACTATTCTT TAAAAAATC ATAGCCCAA TGTTGTGTTG
523801 TTGTTTTTTT CCCTGGGAA AGGACGGGGA AATGTAGTTT CCCACTCTTG
523851 CGCCCTGTAT GTTGTATAT TTACCATGT CTTTCATAGC AGCCTCCCAT
523901 CATTGGTTGC CGTAAATCTT TTCACCTGCT GTGAGGTACC AAGAGTAAGG
523951 TAATTTAGCC AATTAGTCA GGACAGCTC ACTTTGTGGA GCCCAGGTGA
524001 GGCTTTTCAA TAAGAGCTGT TCTTCCAAC GGAATAATGCC AACAAGCAAC
524051 AATGCAGCCA GTCATCTTAT TTTGAAGTTT TAAAAGAAAG GGTGTGCCAG
524101 AAATACTGGG AAGGTTTAGC AGCTGTTPCA CCTGGAAGAT GGCAAGGTTT
524151 TTGACCTGTG AAGGACCAT TGGCATTGTC TGTCCATGTG CTGATCAGTT
524201 TTAAGTAAAC CCTGCACTGA AGCAATGAAG AAAGACACTG GCAAAGTCAG
524251 CATGCTGTTG CCTCACTCCC CGTCACCACT GTGAAGCCTC CTCTTTTAAC
524301 ATAAGGCCCA GAGAGGATCC AAGATGTTGC CAAGACCACC TGTAGCCACC
524351 AGCCATGCGA GGGTGGGGTC ATGTTTCTTA ACCCAGACGA ACACAGGTGA
524401 TAGGCCCTGG TCTTGATCTG GACAGCCTTC GCATAACACC AGATAACTGA
524451 ATGCTAATTT TCCTTTCCAT TTACCTTAAA TCTTAACAGT AACACAACCTA
524501 ACAATAAAAA AGGCACCATG GGATGTGTCC TGCTTGTGCC ACAAGAAGT
524551 TTTTCCAGG GTTGGCCTCC CTTGAAAAAT GGCTGCACCC TTGGATTTCT
524601 TCGTGTGGCT GATTGTCAGA TCCATTAGTT ACATTCACCT TTGGCTAAAG
524651 GCTATGGGAT AGTTGATTTA CTTTGGATGA TGCAGTATTT TTCAAGAGAA
524701 GTTTTCATAT ATTTAGCCCA ACTGCTTCGC CACAAGAAAC AAAGTCGTAA
524751 GTATCTATAC AGGTTTACAG AAAATGAAAT TTTAGCTCCA GCTACAAAGC
524801 GGCTCAGCCA GTTCATGGAG ACTTGTACA GGTGTTGAC TGAGAAGGGT
524851 CCACCTGAAA CACTGTCATG TCCAGGTCCA GCTGAGCGTG CATGCCAGCC
524901 TCAGCCGCTG GGGTCCCTGT CTGGTCTGCG AGCATCACGT GGCTCAGATG
524951 GCATCTTCG TGTGAGTGGC AAGACGCTGG GCACCAGCAC CTGCACAGCG
525001 AGATGGTGAA AGGCCCCCAA CTCTCTGGTA ATGAGGATGG CAGCCATATG
525051 CTTTCTCATG CATCCAGCTC AGCCTCCAAC CTACAATACC ATAATGATGA
525101 CATGTGGGAA AGTCTAGGTC CCATGCCACA TCCCAGTTAA AATGCATGCA
525151 CTGGAAAAGG GAGGGGAAC CAGCTGCACA CACATTACTT TTTTCTATG
525201 GCCTTTTCTG CATCTACCCA GGACTTAATT GCTAATACTG CCTCCCTCCA
525251 TGTGGGATGA AGTGGGAGAA GGATCACAGG AAAATACTTC CACCCGTTTG
525301 CTGTGGCAGG GCTAGATTCC AAAGTGCCCA GGACTGCTAA TTCATTACCC
525351 CCTTTGTGAC AGCTTATTTA CCCACACCCC ACCTTATTTT CAAAAGGACT

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525401 CCAAGTAGCT CAAGAAAGGA ATAAAGAGCT ATAGTTAAAA AATAATTTCT
525451 CAAAGTCCTC TGCCTGTCTC CATGGGCTGG GCTGAACCTT GAGTGACTCA
525501 CCCACCGTCT GAAGTCCAAG AAACAATATC CCTAGGCTGA GATCTGGAGA
525551 TTGTTCTATT TGCAATTCTT ATGGAGGGAG TTATTATATT CTCCACTGAT
525601 TGGGCAGTGT GTTTTCCAG AGAGACAGCA TGAAGCAGGC ACCTGCATCC
525651 ACTTTATTCT TTTCTCTTT GTGAGTCTTG CACGGGCCGT CAGCCTGTTT
525701 GTGAACCTCT GCAGGACATG GAGGTCAGCC TGTGCCAAGC ACCTTGAACC
525751 CTCATTATCT TTAATTAGTG TTTAGGAGGT TAATCGGTGG TGAAGCTCAT
525801 CTTTCTTTAA TTACTTCAAC AATTCACTCA GGGGGTCCCT GCAGCCAGCT
525851 TTGAATTATT CTGTTTGTGT GGATGCTTAT TTGAATTTGT AAAGTTGGAT
525901 GTTTATTGTC CAGACCTAGA CCCTGTGTGC ATTGAAGAAA GTGTTAGGGA
525951 AAGAGGAGAG ACGAGTATGG GGAAGGTTAT TTTTATTGCA ATTAATTTGC
526001 AGCTGAATGA GCCCAGAAAG TTTGCAGTTT TAAAAGTGCA TCACAGTCAT
526051 ATCAGAGATA TCAATGATTC AAACCTGGATC CAAATCTTCC TAAGCTCCAA
526101 TTAGCACATT TATTTTATTT TTCATACAAG GATAAGTTCA CATTCAAAAT
526151 ATTAGTTGAT TAAAAAATAT TATTAGGTCT CTACTCCATG TCTTGACATC
526201 TTAGGTGCTT TGCCAGTCA CATTTAATTT TCAGTATTGT ACATGATAAA
526251 GCTACCAACT TTGGGAAATT ATATTCCAGC CCAAAGCCTT GCTTCAGAAA
526301 CTCTCCTTAA TGCTGGCTG ACATTTCTTT TTCTTTTTTT CTAGCACCTT
526351 ATGCTCATTC TCTCCTCTAT TTATTTTCAG TGACCACCAG ACACTTTAAA
526401 GTTGATCTAT ATTTACCTTT TTATAAGGAT CCTTCCCACC CTCCATTCTT
526451 TTCCTTCTCT CTCACCTCCA CCTACTTGTT CCTTCAACGT GGCATTTGTT
526501 CTCATGCTTC CCGGAAGGGT GAACCTTGGC TAAAGTCATG ATTTCCAATC
526551 AACAGGACAG TAACTCTCAG CCACATTGTG CCTCTGTCTG CAAAGTATCC
526601 ACTGTTCTTT GGCAAAGTTA GGATGTAGCC TTGGTAATCC TTTGGCCCTG
526651 GAGATTGTGT TTTTAAACAA GCACCTCCCT TAGAGCGGGT TTTAGAAAGT
526701 CAGCAGGCCA GCGCCTCCCT TCCCCTTCCA GGAAGAAGCA GAATCTCAGA
526751 CATGGTTTCA GGGAGGTGCT CCCAGGAGCC TCTGGCAGGA GAAAGGCCTT
526801 GTGGCCTTGC CATTTCATC TTTGTCTTTG CGTTTATACG TTGGCCCAGC
526851 CTACATTGAC TCTTTCATCG CTTCACCTCT TCAGTCCCTC AACAAATAGT
526901 TTTTGAGCAT CCACTGTGCA CCAGGCATG TTTTGGGTGC CAAGCATGTA
526951 ACTGTAAAAA AAAAAAAGCA AAATTCCTGC CCTCATAGAA
527001 CTTACATTCT AATGAGGAAC ACAGACAGTA CACACAACT ATGTCGTGAA
527051 AAGTGTGGCA TGGAAAACCA AGCTAGATGT GGGTGCAGAC AGTGATGAGG
527101 GGAGGGTTTC TGGGAAGCTG GTCTGGGAAG TCTGGTCTGA GTGAACCTGAG
527151 GGAGAGAGAC TTGTCCACGG GAAGAATCAG CCAGGCCAAG GGAAGCATA
527201 TGCAAAGGCC CTGAGGTGGG AAACCAGAGT GATCCAGGAA CTTGCAAGGA
527251 TGGCCATGTG GCCAGCTGGG GCAGAGGGAG GGAGGGAAGC ACAGTAGGAA
527301 ATAGCGTTGA GAGGAAGCCA GGGTCTTGC GTTTATTGTA TGATTCTGAG
527351 TAGGTAAGCA GATGGTCTCT GTTTGTGGAT ATAGAATTTT AACAGAACTT
527401 TCTGCTTATA AAGCTGCATC TTTGTGATTA ACTTAGAGCT TCACTGCTAT
527451 AGTATGTTTT CTCCATTTCC CAAATGCCCC TATTTGTAAA TGCACAGAGC
527501 CTAGACTATT CTTCACTTGC TTGGTGACAC CCAGGCCTTT TCAACCCGTG
527551 GCACGGCATT TTGCTTGGGG TCTCTCCAGG TCAGCCAGGT GCCCTGCTAA
527601 TTTATCTGTT CCTAGCAGCC CCGTGAATCC AACCTGACCT TTTTCATAGC
527651 TTGCCGACAG GACCACGGAG CTCAGCCTTG CAAGTCGTGG AATGAGGTGA
527701 TGGTTTCCAT ATGTGCTGGG GCTGTCAATC AAATTCTTTG CCTGCTCAGC
527751 TAATGAGGTC AGAACGGCTC TGCCTGAGGT GGACAGCCTC TCCCTCGGGT
527801 AGTGTGCCTG CAGGAGATAC GGGAGGAAGT CTCCCCACCC GCTTTAAAGG
527851 AAGCTTGGCG AGATAGCATT GCTTAGCACT GTTCACAAAA GGATAACTGC
527901 AGAAAAACAT GAAATAAAAG GGAATAGAAG GGAAGAGACA GACTGACTTT
527951 TTTAATTTAA ACTTTTATT TGGAGATAAT TGTGGCTTCA TAGGCAGTTG
528001 TAAAAAATAA TAGAAAGCTC GCATATACCC TTTACTCAGT TTCCTTAAAT
528051 GGTAACATCT TACAAAACCTG TAGTACAGTA TCACAACCAG GAAACTGACA
528101 CTGACACAGT CAACACAAAA CATACCCATC ACCACAAGGA CCACTTCCTC
528151 CCTACCCCTT CCATCCCGCC ATTGTGCTTT TATAGGTACC CCTACTTTCT
528201 ATTCATTCCT TAACTCCTGG CAACCATTA CTGTTCTCCA TTTCTATGAT
528251 TTTGTCGTTT CAAGAATGGC ATATACATGG AATCTTATAA CGTGTAACCT
528301 TTTGTTAGTG ACATTTTCTT TCAGCATAAT TCTCTGGAGT TTCATCCAGG
528351 TTGTTGATG TGTCCATAGT TTCCTCCTGT TTAAGTCTGA GTAATATTCC
528401 ACCCAATGCA TGTACCACGC GTTGCTTGAC CATTATCCG TTGAAGGAGA
528451 TCTGGATTTC CAGTTTTTGC TCTTATACAT AAAACTCTTA CAAACATTTG
528501 TTTACTGGCT TTTATGTCAA TATTAGGTCT TAATTTTCT GGGATAAATG
528551 TCCAGGAGTG CAATAGCTGG GTTTATAGTA GATGCATATT TAGTTTTACT
528601 TTTAGGTTTT TTTTTTTTT TTCAATAACA ACCATGTATT TAGCTCATGA
528651 TTTGTGTTGG TGACAGTTTG GGCTGCACAT TAGTGGAGGG TTACCTGATT
528701 TGTGTGTGTG TGAGACATAA TTCAAACACA TAAACTTCAC CATTTTAAAG
528751 TGTATAATTC AGTGGTTTTT AGTATTTTCA CAAGGTTGTG GTATGTTTGG
528801 TTTTTAAACA AACTGCCAAG CTGTTTTTCA GAGTGGGCAT ACCATTTTAC
528851 ATTTTCATCA TGATGCATGA GTGATCTAGT TTTTCTATAT CCTTGCCAGC
528901 ATTCAGTGCT GTCCTTTTTT TTTTTTTTTT TTTAATTTTA GCCATAGGGA

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528951 TTGCTGCTTA GTGATCTCTC TTTGTGGTTT TAGTACTGTG TTTTCCTAAT
529001 GGTAAATGAT GTGAACATCT TTTTCATGTG TTATTTGCCA ACTATAGTCA
529051 CTCTGGTGAA ACGTCTTTTC ATGGCCTTTG CCCATTTTCT AATGGGGATT
529101 CTTTGTTTTG TTTTATATTG AGTTTGTAGA GTTATTTATA TGTTCTAGAT
529151 GTTAGTTCTT TGTGAGACAT GTGGCTTACA AATATTTTCT CCCATTTCTGT
529201 ACCATGTTCT TTCAGCCTCC TAATAGGGCC TTTTCATAGAA GAAAAGTTAA
529251 TTTTAGTGAA GTCCAAATAT CAATTTTCTT TTGTGAATTA TGCTTTTGGT
529301 GTCAAGTCTA AGAGAATCTC GCTTAGCCCT AGATTTCAAA GATACTCTCC
529351 TATTTTTTTC CTAAAAGTTG TATAGTTTTT TTTTGTGTGT TTTTTTAATT
529401 ATACTTTAAG TTTTAGGGTA CATGTGCACA TTGTGCAGGT TAGTTACATA
529451 TGTATACATG TGCCATGCTG GTGCGCTGCA CCCACTAACT CGTCATCTAG
529501 CATTAGGTAT ATCTCCCAAT GCTATCCCTC CCCCCTTCCC CCACCCACC
529551 ACAGTCCCCA GAGTGTGATA TTCCCTTCC TGTTCCATG TGATCTCATT
529601 GTTCAATTCC CCACCTATGA GTGAGAATAT GCGGTGTTTG GTTTTTTGT
529651 TTTGCGATAG TTTACTGAGA ATGATGATTT CCAATTTTCT CCATGTCCCT
529701 ACAAAGGACA TGAATCATC ATTTTTTATG GCTGCATAGT ATTCCATGGT
529751 GTATATGTCC CACATTTTCT TAATCCAGTC TATCATTGTT GGACATTGGG
529801 GTTGGTTCCA AGTCTTTGCT ATTGTGAATA ATGCCTCAAT AAACATACGT
529851 GTGCATGTGT TTTTATAGCA GCATGATTTA TAGTCATTG GGTATATACC
529901 CAGTAATGGG ATGGCTGGGT CAAATGGTAT TTCTAGTTCT AGATCCCTGA
529951 GGAATCGCCA CACTGCTATG ACAAACCCAC AGCCAATATC ATACTGAATG
530001 GGCAAAAATC GGAAGCATTC CCTTTGAAAA CTGGCACAAG ACAGGGTTGC
530051 CCTCTCTCAC CACTCCTATT CAACATAGTG TTGGAAGTTC TGGCCAGGGC
530101 AATTAGGCAG GAGAAGGAAA TAAAGGGTAT TCAATTAGGA AAAGAGGAAG
530151 TCAAATTGTC TCTGTTTGCA AAAGTTGTAT AGTTTATAT TTTACTTTCA
530201 AGTATGTATG CTGAGTTAAT TTTTGTGTAA GGTATGAGAT TTAGATCAAA
530251 GTTCTTTTTT TCTGTGCATA TATAGTTGTT CCAGCACCAT TTGTCAAAAA
530301 GGCTTTCTTC CACTGAATTG CTTTGCACCT TTTGTCAAAA ATCAGATGGG
530351 TATGTTTATG TGAGCCTGTT TTTTGTCTCT GTCTTCTAGT CTATTTATCT
530401 GTTTATTTCT TTATGAATGC CACACTGTCT TGATTATTGT AATTATATCA
530451 TAAGTCTTGA AATCAGATAC ACTGATTTCT TCCATTTTCT TCTCTTTTTC
530501 CAAAATTTTA ACAATTGTTC TTTTACCTTT CCGTATATAC TTTTGGAAAT
530551 GGTCTCATCT GTAACGACAA AAAATGGTTG AGATTTTGAC AGGAATTGCT
530601 TTAATCTGCT ATATCAATTT GGAGAATTAA CGTCTTTTCT ATGCTGTGTT
530651 TTCCAATCCA TGAAAATGGT AAGTCTCTCC ATTTGTTTGA ATTTTCTTTG
530701 ATTTCTTTCA TCAGCATTGT GTAGCTTTTA GCACACAAGT TTTGTAATG
530751 TTTTGTCTCT TTTGCGCCTC AGTATTTTCT ATATTTTGA ACGATCCCAA
530801 ATTGCAATGT ATTTTAAATT TTAGCATCTG TGTGTTTCAAT GATAATACAT
530851 AGAAATACAA CTGATTTTTG TATGTTGATC TTACATCATG TACTTTGATG
530901 AACTGACTTA TTAGTACTAG GAGTTTTATA TCTATACATA AATATATATA
530951 TATACATATT TATGTGTGCA TATATATGTA TTTCTTGGGA TTTTCCAGAC
531001 AATTATGTCA TCTGCAAATA GCTACAATTT TATTACTTCC TTTCTGGTCC
531051 CTGTATTTT TTTTCTTTT TCTGTGTTA TTGCACTAGC TAGAACTTCT
531101 AGCACAGTGT TGAATAAAAG TGGTGAAAAT GGTCTATCCT GCCTTGTTC
531151 CAATATTTGG GAGAAATCAT TCAACTTTTT ATCATAAAGT GTGGTGCTAG
531201 CTGCAGGTGT TTTTGTAGAT GCTCTTTGTC AAGTTGGGGG AGTTCTTTTC
531251 TTAATTTGCT AAGAGATTTT TTGTTTGTG TTAACCTCAT AATGGGTGTT
531301 GAATTTTGTA AAATGCTTTA TCTGCATGAA CCAATATGAG TGTGTTTTTT
531351 TTCTCTTTAG CCTGTAAACA TGGTAGATTA CATTGATTTT TGAATATTGA
531401 ACCATCCTGT TATCTCTGTA ATCTCCACTT GATTGTGTTG TGAATTTCTT
531451 GTTATATGTT GATGAATTGC ACTTACTAAT GTCAGGTTTT TTTGCATCTA
531501 TGTTTGTAAG GTACATTGGA CTGGGGCTTT CTTTTTTTGT AATGCTTTTG
531551 TATGGACTGG TATAGTATAA TAGTAGCTTC ATAAATAAAT TGGGAAGTGT
531601 CTTTTCTTT TCTGTTTTCT GGAAGAGATT ATGTAGAAT GGTGGTAAGT
531651 CTTCTTTAAA CTTTTGGTAA AATTCTCCAG TGAGGCCATA TAAATTCAAT
531701 TTCTTTAATA TTTAGAGAGC TATTAAAATT ATTTCAAATT GTGTGAATTT
531751 TGGTAGTCTT TTTTTTCAA GGAATTGGTC CATTTCATCT GGTTTGTCAA
531801 ACACATGTGT AGAATTGTTT CTGGTATCCT ACAATTATCT TTTTGATATT
531851 TGCAAGGTTT GAGTAATATC TCACTTAATT CTAATATTTG GTAATGTGTG
531901 TCTTCTCTTT TTTTTTCTT TGTAAGTATT GCTAGAAGTT TGTTAATTTT
531951 ATGTCTCTTT TCAAATAAGA AGCTCAATAA AGAGCTTTTT TATTGTTTCT
532001 CTGTTTTTAA CCTATCAGTT TTTATTTCTA ATGATTTTCT TCCTTCTGCT
532051 TGCTTTGGGT TTAATTTGCT CTTCTTTTCT AGTTTCTTCA TGTGAGAACT
532101 TGGAAATCTT TAATTTTTTT TAATATATAG ATTAACCTGCT ATGAATTTCC
532151 CTCACAGCAC GTTTTTAACC GTGTACCACA AATTGTAATG TATTTTCTTT
532201 TTCATTTAAT TCAGTAATTT TTTATTTGTC TTAAGGCTTT TTCTTAATCC
532251 TTTATTTATT GGAAGTGTGT TATTAATTTT CAAGTGTGTT AAGATTTTTC
532301 TGTATCTTTT TTTATTTATT TCTAGTTTGA TTCCATTGTG TTTGTAGCAT
532351 GTATTGTGTA TAACTTTTAA GTGTGTTGAA GTTTGTTTTG TGGCCAGAA
532401 TATCTATTTT CTGTTTATAT ATTCCATGTG CACATGGAAG GAATGTGCAT
532451 TCTGTTGTGA TTAGGTAGAG TGTGGCATGA ATATATCTCT TGGTTGATG

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532501 GCGTTTGGCA GTTCTTTAAA TTTTATTGAT GATTTTCCAT TTGTAATATC
532551 CATGTGTGAA TGAGGGATAT TGAAAAATTC AACTATAATT GTGAATTAGT
532601 CTATTTCTTC TTTCAGTTCT ATCAGTTTTA GCTTCACATA TTTTGCAGCT
532651 CTGTTACTTG GTGCATAGAC ATTCAGGATT GCTATGTATT CTGAATGGAT
532701 TGATCCTTTT GTCAATTGCAT AATGTCCTTC ATTTTCTCCA GTAAGTTACT
532751 TTGCTCTAAA GACCACTTTA TCTAATATTA ATATAGTTAC TTAGGTTTTA
532801 TTTTGATTAA TGTTTGCATG ATGTATCTTT TCCATCATTT TCTATCTGCC
532851 TATATCATTa TATTTGAAGC TAGCTTCTAA AAGGCAGTAT GTAATTGGCT
532901 CATGTTTTTA AATTCACCAT GTCATTCTGT ATCTTTTAAT TGGCATATTT
532951 ATACCATTTA TATTTAATTT ATTGCTGATA TGTGGGGCA TATGCTGCC
533001 ATTTTACCTT TTTGAGCCAT CACACCTAGC TCTACATACA TTTAAAACCA
533051 TATCAGACCA TGTATAATTT TCACTTTAAC TCATCAAACA TAATTTGGAG
533101 AAATCAAGAG CAAAAGAAAA GCTTCTTGTA TTTACTCATA TTTTGCTTAC
533151 TATATTCTTT CTTTTTTATG TTCCAAGATT TCTTCTTTTA TCATTTCCTT
533201 TTTGTTTATA GAACTTTCTT ATTATTATTT TTTATTTTTT GAGATGGAGT
533251 CTTACTCTGT TGCCAGGCT AGAGTGTGGC GGTGTGATCT CAGCTCACTG
533301 CAACCTCCGC ACTCTGGCGT TCAAGCAATT CTCTGCCTC AGCCTCCTAA
533351 GTAGCTGGTA TTACAGGTGT GCACCACCAT GCCTGGCTAA TTTTTTTTTG
533401 AGACGGAGT TCACTCTGTT GCCCAGGCTG GAGTGCAGTG GCACAATCTC
533451 AGCTCACCGC AACCTCTACC TCCTGGGTTC AAGCATTTCT TCTGCCTCAG
533501 CCTCCCAAGT AGCTGGGATT ATAGGCACCT GCCAACACAC CTGGCTAATT
533551 TTTGTATTTT TAGTAGAGAC AAGGTTTCAC CACATTAGCC AGGCTGGTCT
533601 CGAACTCCTG ACCTCAGATG ATCCTCCAC CTCGCCCTCC CAAAATGCTG
533651 GGATTACAGG CGTGAGCCAC CATGCCCAGC CCATCTTTGT ATTTTtagta
533701 GAGACAGGGT TTCACCATGT TGCCAGACT GTTCTTGAAC TCCTGACCTC
533751 AAGTGATCCT CTTGCCTTGG CCTCCCAAAG TGCTGTGATT ACAGGTGTGA
533801 GCCACCGTGC CCCACCTTA TAGGACTTTC TTTAGCTATT CCTGTAAGAT
533851 CGTTCTGGTG GTGACAAATT TTCTTAGTTT TCCTTCCATT CAAGAGATTT
533901 CTTTTTCATT CCTGAAAGAT ATTTTCACTG GGTGACAGT TCTGTTCTTT
533951 CAGCACCTGA AAAATGTTGT GCCAGTTGCT CTGGCTCAG TGGTTTCTGA
534001 TGAGAAATCC ACTGTCAACC TACGTGGTTT TCCTCTATTG GTGTCATTTC
534051 TCTTTGGCTG CCTTGGGAAT CTTTGTCTGT GGTTTTTGGC AGTGAATTA
534101 AAATCTGTCT TGTGTGGAT TTCTTTGAGT TTATCCTCTT TAGAATTGCT
534151 CTGTAAGTTT ATATTGTTCA TCAAAATPGG GACATTTTCA GCCACTATTT
534201 CTGAGTGCTC TTTTAGCCCT GCCGTATTTC TCCTCTTTT CTGAGACTCT
534251 GAAGACGTGA ATGTAGATC TTCTATTATA TTCTTACAGG CTCCCAAGGC
534301 TCTGTTAATT TTTATAGTCT ATTTTGTCTC TATTACTCAG ACTGGGTAAT
534351 TTCTACTGTT CTATTTTTCa GTTCACTAAC GATTTCTCTC GTCCCTTGCA
534401 TTCTGCTGTT GAGCCCATCC ACTGAGGTTT TTATTTCAGT TGTATATTT
534451 TTCCGTTCTG AAATTTCTTA TTTGTTCTTT TAAGTCTTAT ATTTCTTGGC
534501 TGCGGCTTTC TATTTTTTTT CTTTAAAGTG TGTTTATAAT TACTTATTGA
534551 AACATTTTTA CCATGGCTAC TTTAAAATCT TTGTCAGACA ATTTCCACTGT
534601 TTCTGACGTC TTGGTGTTAG CATCTATTGA TCATTTTAT TTTTCTCCCT
534651 GTTTGAGATC TTCTGGTTT ATGGTAAAT AAGTGATTTT CAAATGAAAC
534701 CTGGACATTT TGGCTATTAT GCTATGGACT CTGGATTTCA TGGCAGCCTG
534751 GCTCCTGCCG GGTAGAGGTA ATCCAGATTC ACTAATGGCC TCTGTTTATG
534801 TCTTCAGGTT AGGGATGGGA GCTCCTGCTC TCCAGTGCA GGGGTCTGA
534851 TTCTCCATAA GACCTTTTCT GACATCACCC AGTGAAGAGG GAAAAGGATG
534901 CCTTCACATT TCACCTGGTT GGGGATGGAA GTCTAGTCAT CCGAAGTGAT
534951 CTCTGCTGAC ATCCCAGAAG GGAGGGGTCC TTATTGGCTG GCAGGGATGA
535001 AAGTCAAGGA TCCCTGCTTG GTCTTCTTTT TCACCTCCCC ATAAGGGTGT
535051 TGGAGAGCCT CATAACAGTC TCCTAAGGGA AGAAGTCTAA GAGCACCCT
535101 AGGTCTTTGC TGGCATGGGT TGGGGGTGAG GGGGCCACCT TTTTCTCTGG
535151 GGTATCTGGC TGCAGATGAG TACTTCAGGC CTGAAAGTTT TCTGTCTTGC
535201 TAGGCTGCCC CTTTCTGTTT CTTTGTCTG GAGAGAAAAG GCATTGTCTA
535251 GGTAGGCTTC TTTGTTTATG CCTGTGGACA TTCAGAATCG TCCTCTGCCT
535301 CTACTGGGAA AACCTTGTCT GGGACAGAGG AAATCAAGCA CTGTGCTGCT
535351 ACAAGCCTCT CTTCTCTCCA GTGCCAGTT TTTATTATTA GAGGAAAGTT
535401 GGGTCCAGGG AGGACTGGAG GAATCTGTG TTTATTTTTG GAACGGAATT
535451 TGTATTAGGG TTAGTTAACC TTGAACCCTA TGGTGTCTTC AGCCAGAATG
535501 TCCCCCAAAC TGTCCCATGT AACCTGAATT CTAAAAAAT TACAATGTTT
535551 CATCTCTATA AATCCACAAA CACTGTCTAC AATATCTTCT GGAATTTGGA
535601 GTGAGCTTTT CTCTCGGAA GAGAATAGGG ACAATGTCCA TATTCTGGCA
535651 TTTTAAAGA ATAATACAGA GGAATTTACC TTGGCCACTA TTGAAAACC
535701 TACTGTGTCC TGAGCTCAAT GCTGGGCGTT ATGGATAGAC ACGAGACAAA
535751 TGGTGAAGGA TTGAGTTGTG GAGACACAAC ATAAGAAGAG AGTCCGCCA
535801 CAAATCAGTT AATACAAAGC ACACATGCAA TTTTACATAT TGAACCGTGT
535851 CCTCTGTTTT CAGCCAGGA TAGTACTGT GAAAAACATA AAAAAAGTG
535901 TAAGACTTGG TTCCGGCTGA ATGAACCCTC TAGTTGAACA CACAGATGGT
535951 GTGCTGGTGT TTTCCAGGGA TCACTAGGCA CAGTGTGCT TCTCAGTCTA
536001 CCAGCTCTCC ATGGGTTTCT ACAAGCTGAG TCCAAAGTTG CATCTCAGCT

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536051 TTGACCTCTC TCTGGTCCCC TGTCTTCTGA ACACCTCAGA GGCGCTCACA
536101 GGCCCCACAT CTGAAACTGG ATTCAATTGCT GTTCCTGCTG AACCTTTTTC
536151 TCCTFCTGTG TTTGCATCTG GATGGTCAGC AAAGGGCCAT CCATTGTTCA
536201 GGACCCAGCT TCAGTGTCTGA TTCTCTCTGC CCTGCTCCAA GTTCTTCACT
536251 CCTCCACGTC ACCTCTCCTG AGCCTAGCAC AATCTCTGTA AGGGCATCAT
536301 CACCTTATAG CATGGTAAGT GTCTGCACGG CGAGGTCACC TTAAAGACTG
536351 TGAGTTCATG AGGGCAGAGG CTGTGTCTTG GGTAACTTTG TTCCAACAT
536401 TGGGTCTCAC ACACAGTAGG CGCAGTACAA ATGCTGAATT AATGGGAGGT
536451 CAAGAGGTCA TGTTTTTAAA AAGAAGATGC ATATGGATTG GCAGAAAGGG
536501 GAAAGGAGAA TCATCTACTA CCATCTAACA GAATGGAATT TCTGGAGGGC
536551 TCGTAGTTCC GTGGTATATA AAATAAATAT AACTCTTATT GAAGTTTATG
536601 GCTGGAAAAA CGATTTTGT TTTGTTTTAT TCTTGTGATT TTCCTTCATT
536651 ACATAAGTGT CTTTAACTAA GGTAAGTTT TAGATAAAAC AAAGGCCATG
536701 GTAGGTCTGG AATACACTTG AGCCCCGAGG GTTTTCATTT CCTAATGATA
536751 ATGAGTAAAA TAAGTTGCCA ATTGTGGCTA TGAATATCA TTCTCTAATA
536801 AAACAGGTTA GAATGTTAAC AGCCTGGTGG ATTGGTAGAT GTTTGGCCTT
536851 CCCTGAAGGA CAGGGAAGTG GGGACCAGCT TTTTTCCTTG AGGGCCTGTC
536901 ACATCTGTGT TTTGCAGACT GCCCAGTAGC TAATTTAAAA ATAAGTTTCT
536951 AAAATTACCT ACTGTTTTT GGCTTTGTTG TAGTGTGAGC TGTGATTCCG
537001 GTCAGTTGTA ACTATTGACA AGATCTAAAA TTCAGATTG GAGTTATTG
537051 CTGTGTACTC CACACTCCCG CTCTTTGGCA GTTATGCATG TGTGATTTTT
537101 GCAGGAATAG CTTTCTAACA GAAATGTGGA CACAAGAGTT TATTTTCTC
537151 CATCATAACT CAGCTCTCCA CTCTTCTCTG AGACTGATCA TTTTGTAGG
537201 CAGGAGCATA ACACCTTCTC TAGGATTGT CAGCTTCTAA AAAGAGCCTT
537251 TTGTAAGGAC TTGTATGAGC TTGGGTTTCA CCATCATTAC TGGGGAGGCA
537301 CTAAGACTGC ACATATCTCT GGGTGAAGTA ATGTCTACAC AACACCTTTC
537351 ATAGCAATAG TTCCCAGCTA GCATACCTGC TTCTGCCAGT ACAGAGCCAA
537401 AAAAAAATAA AAAAAAATAA TTAAGTACTT TAATGCCAAT ACCCCCCACC
537451 ATGGGAAAAA TAAACTGTAA AAATGGCATC ATTACCAACA GCTCATGTGA
537501 TAGGAGGGAA CTGACCTTGA TTTGGCACCC AATCCACCTT TTTTAAATTC
537551 AATTTTCTTT CTCAAAAAAA TGTGATAAAA TGCACATAGC ATAACATTTA
537601 CTATTTTATA GTTTGGCATA CATGGCAGTT GGTAGAGTCA CAGTGTGTA
537651 TAACCATTAC CACTACCTAG TTCCAGAATA TTTTCATCTC CAAAAAGGG
537701 AACCCCATAT GTGTGACGCA GTCCTTCCCA CTTCCTTTCC CCCACCTCCC
537751 TGCCCTACAG CCCCTGGCAA ACACGAGCCT GTTTTCAGTC TTTACATATT
537801 TGCCTATTTT GGCATTTTCA TATAATCATG TAATACACAG CCTTTGAGGT
537851 TGGGCTTCTT TCACTTAGCA TAATATTTTC AGTCCTTATC CCTGAAGTAT
537901 GTATCCATCT GTACCATATT TCTTTATATG GCTGAATAAT TCTCCATTGT
537951 ATGCATAGAC CACATTGCT TACACATTG TCAAGTTGGT GACATTTGGG
538001 TCATTTCTAC TTTTGGCTTT TGTGAATAAC GCAGCTAGGG ATATTGTACT
538051 GGTATCTGTC TGAGTCCATT TTCCATTAT TTGGGTATAT TCTTAGGAAT
538101 GGAATTGGTG AGTGATGAGA TAATTCTGTG TCTAATTAC CAAGGAACAG
538151 TGGCTGCACC ATTTTACATC TCACCAAGTA ATGTGCAAGA GTTCCAGTTT
538201 CTCCATATCC TCTCCAACAC TTATTTTCTG AGTTATTTTG GTTTTGGGGT
538251 TTTTTTAATA GCCATCCTAG TATGTGTGAA GTGCTATCTC ATGGTAGTTT
538301 TGATTTGCAT TTCCCTAATG ACTAATGATA CTGATTATCT TCATGTGCTT
538351 TTTGGCTATT GTGTATTTT TTTGAATAAG GGTCATTGA AGTCCTTTGC
538401 CCATTTTTTA ATCAAGTTGT TTGTTTTTTT GCTTTTGAGT TGAGGTGTT
538451 CTTTATATAT TCTGGATACT AGACCTTTAT CAGATATGAT TTGCAAAAT
538501 TTTCTCCCAT TTTGTAGTTG TCTTTTCATT TCCTTGATAA TGACCTTTGA
538551 TGCACAAAAG TTTTAAATTT CCATGAAGTC CCATTTATCT GTCTTTTATT
538601 TTGTTACTTG CATTTGGCCA TTGCCAAAGC CAAGGTCATA AAGATTGCCC
538651 CCTGTATTTT CCTCTAAGAT TTATATTGTT CTAGCTCTTA TATTTATGCT
538701 TTTTATTAAT ATTAATTAAC AAACGTGAAT TTATAAGCCT CTGGGGTACA
538751 AAGTTATGTT TTGATACAGC TATACAATGT GAAATGATTA AATCAAGCTA
538801 ATTAACATTG TCATCACCTC ACCAACTTAT CATTTTTTGT GATGAGACAT
538851 TTGAAATTTA CTCTTAGTTA TTCTGAAGTA TATAACACAT TATTATTGAC
538901 TATAGTTACC CTGTTGTGCA ATAGATCTTA AAACCTTACTC CTTTTGATGA
538951 GTTCATGTCC TTCATAGCAA CATGGATGAA GCTGGAAACC ATCATTTCTGA
539001 GAAAACTATC ACAAGGACAG AAAACCAAAC ACCACATGTT CTCACCTATA
539051 GGTGGGAACT GAACAGTGAG AACACTTGGA CACGGTGGGG GAACATCACA
539101 CACCAGGGCC TGTCGTGGGG TGGGGGGATG GGGGGAGGGA TAGCATCAGG
539151 AAAAAACCTT AATGTAAATG ACAAGTTAAT GGGTGCAGCA AACCAACAG
539201 GCACATGTAT ACATATGTAA CAAACCTGCA GGCTGTGCAC ATGTACCCTA
539251 GAACCTAAAG TATTAATAAA AAAAAAATAA CTCACTCCTT TTGTCTAATT
539301 GAAATTTTGT ACCCTTTGAC CAACAGCTCG TCATTCCTC ACTCCTCCAC
539351 TCTCAACCCC AGCCTCTGGT AACCATCATT GTACTTTCTA CTCTATGAG
539401 TTCAACTTTT TAAGATTCCA TATATAAATG AGATCATGCA GCACTGTGCT
539451 TACTGTGCCC GGTTTATTTT ATTTAGCATA GTGCCTCTT GGTATATCCA
539501 TGTATATAGCA AACGATAGGA TGTCTTTTTT AAGGCTGAAT AGTATCCAC
539551 TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG TGTGTGTGTG TGTGTATGTA

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539601 CCACAGTTTC TTCATCCACT CATTCAATTGA TGGACACCTA GGTGATTTTC
539651 CTATCATGGC TATTATGAAT AATGCTGGAG TGAACAGAGG AGTGCAGATA
539701 TCCCTTCAGC ATACTGATTT CCACTCCCTTT GGATTATATA CCCAGAAGTG
539751 AGATTGCTGG ATCATATGAT AGTTCTATTT TTAATTTTTT GGAGGAACCT
539801 CCACTGTTTT CCATAGTAGC TATACTAATT TGTATTCCCA TCAACAGTGT
539851 ACAGGGGTTT CTTTTCTCT GCATTCTCAC CAATACTTGT TAGCTTTCTT
539901 TTTTTTTTTT TAATAATAGC CATTCTAACA GATGTGAGG AATATCTCAT
539951 TGTGATTTTA ACTGGCCTTT CTCTGATGGT TAGTTGTTTG ATCATTCTTC
540001 ATATACCTGT TGGTCATATG TATATCGTCT TTTAAGAAAT GTCTATTCAG
540051 GTCCTTTGTT CTTTTTTTTT AATTGAGCTA TGCTTTCTTG ATATTGTTTG
540101 TGTTCCTTTG GTATTTTGA TATTAACTC TTATCAGATG TATAGCTTGC
540151 AAATATTTTC TCTCACTCTT TAGGTGCTCT CTTCACTCTG TTGATTGTTT
540201 CCTTGTCTGT GCAGAAGCTC TATTGTTTGA TGTATCCCA TTGTCTATT
540251 TTTGCTTTTG CTGCCTGTGC TTTCAGAGTT ATATTCAAAA AATTACTGTC
540301 CAGACCAGTG TCATAGACCT TCCCCATATC TTCCTCCAGC AGTTTTAGTT
540351 TCAACTTGTA TATATAAGTC TTTAATTCAT TTTGAGTTGT TTTGTATAT
540401 GGTGTGAGAT AAGGGTCAAG TTTCATTCTT CTGCATGTGA ATATCCAGTT
540451 TGCCACCACC ATTTATTTAA GATGCTGCTT TTTCTTCATT GTGTGTTATT
540501 AGCACCTTTG TTGAAAATCA GTTGACCATA AATGTATGGG TTTATTTCTG
540551 GCAGTCTAGC CTGTTCCGTT GGTCAATGCA TCTGTTTTTA TGCCAGTACC
540601 ATGCCATTTT ATTTGCAATA GCTTTATAAC ATATTTTGAA CACAGGGAGT
540651 GTGATGCCTT CAGCCTTTTT CTTAGTGCTC AAGATTGTTT TGGCTATTGA
540701 GGGTCTTTTG TGGTTCCTA TAATCTTAAG GATTATCTTT TTCTCTTCT
540751 GTGAAAATG ACATTGCCAT TTTGATAGGG ATTGCATTGA ATCTGTAGAT
540801 CACTTGTGTG AGTATGATTA TTTTAACAAT AGTGTGTTT TACAGTTCAT
540851 GAGCATAGCA TCCCATTAC TTGTATTTTC TGCAATTATT TCATCAGTGT
540901 TTTGTAGTTT TCTCTATATA GTCTTTTACC CTTGATTAA ATTTACACTT
540951 AAGTATTTTG TGTGTTGTT GTGCTGTAA ATGGAATTGC TTTCTTAATT
541001 TCATTTTGG ATAGTTTCA TTAAATATAT AAAAACACTA CTCATTTCTG
541051 TATGTTGATC TTGTATCCTG CAACCTTACT AAATTTACTA GTTCTAAACA
541101 GTTTTTTGGT GGAGTCTTTA GGATTTTCTA TACATAGCAT TATGTGTACC
541151 AACAAACAGA GATAATTTTG CTTTTTCTT TCCTATCAGG ATACCTTATA
541201 TTACCTCTT GCCTAATGGC TCTGGCTGGG ACTTTCAGTT CTATGTTGAA
541251 AAGAATTGGC AAGAGTGGGC ATCCTTGCTT TGTTCCTAAC CTTAGAGGAA
541301 AAGCTTTCAA TCTCTACCA TTGAGTATGA TGTAGCTAT GGGTTTGTGA
541351 TATATCCTTT ATTGTGTTGA GATATATTCC CTCTATAACT AATCTGTTGA
541401 GTTTTATCAT GAAGAGGTGT TGATTGGCTT TTCTGCATCT ATTGAGATGA
541451 TCATATGGTT TTTATATTTC ATTTTGTTAA TGTAGTGTG ATAGATTTGT
541501 GTATATTGAA CCATCCTTGT ATCCCAGGCA CAAATCCCAC ATGACCATGG
541551 TGAATGATTC TTTCAATGTG TTGTTAAGTT CAGTTTGCTA ATATTTTGT
541601 GAGGATTTT GTATATATAG TCATCAGGGA TATTAGCCTG TAATTTTTTT
541651 TTCTTGATG TCCTTGCTG GCTTTGGTAT CAGGGTAATG CTGACTTTGT
541701 AAAATGGGTT TGGAAATATC CCTTCCACT CAGTATTTTG GAAAAGTTTG
541751 AGAATTGGTA TTAGTCTTT AAGTGTGTTG TAGAATTCAG AAGAGCAGCC
541801 ATCAGGTCTT GGCCTTTTCT TTGATGGGAG ATTTTCTACT AGAGATCCAA
541851 TCTCCTTCTT TGTATTGGT CAGTTGTGAT AGGTTGTAAG TGTCTAGGAA
541901 CTTAACAATT CTCTAGATT ATCCAATTG TTGCCATATG ATTGTTTGTA
541951 GTAATATCTA ATGACCCCTT ACGTTTCTGT GGTATCTGTT ATAGTGTCTC
542001 AACTTTCAAT TCTCACTTTA TTGCGTCTC TCCTTTTTTT CCTAGTCAGT
542051 CTAGCTAGGA GTTTGTAGAT CTTATCTTTG GAAAAAACA ACTTTTAGTT
542101 TCACTGATAT TTTTCCATTG TTTTGTAGT CTCTGTTTCA TTTATTTCTG
542151 CTCTGATCTT TTTTGTTC TCCCTCTGC CAACCTTAGG CTTAGTTTGT
542201 TCTTCCTTT GTAGTTCCTC AAAGTGAAC ATTAGGTTGT TTATTTCTTC
542251 TCTTTTGATA TAGACATTTA TTTCTATAAG TTCCCTTCTT AAGATTGCTT
542301 TTGCTGCAAC CCATAAATT AGATATGCTG TGTTCCTATT TTCATTTGTT
542351 TCAAAATATAT TTGTATCTTT GATCCATTTT AAGTTAATTT TTGTATGTGG
542401 TGGGAAGGGC CCAATCCAT GTTTTGGCAT GTAGAAATCT AGTTGTCCCA
542451 GCACCATTTG CTGGAGAGAT TATTCTTTTA TTATTGAATG GTCTTCACAT
542501 CCATAGTCAAA AATTAAGTGA CCATTGATGT ATGGGTTTAT TTCTGGACTC
542551 TCAATTATAT TCTCTTGATT TGTAAGTCTA TGTCAGTACC ATGCTATTTT
542601 TATTACTGTA GTTTAGTAAT AAGTTTTGAA ATAGGTATGT GTGAGTTCTA
542651 TGACTTTGTT CTTTTTCAA CATTATTTTG GTTATTTTGG GTCCCTTATA
542701 ATTCCATGTG AATCTTAAGA TCAGCTTTTC TATCTTTGCA AACAAACAAA
542751 CAAAAAAAC CATTGGGATT TTGATAGGAG TTACACTGAA TCTGTAAAAC
542801 ACTTTGACTA GTATTGCTAT CTTAACAGTA TCATCTTTCA ATCTGTGAAC
542851 ACAGGGTATT TTTCAATTTA TTTGGGATGT CTTTAATGTT TTCAGAAGTG
542901 TTTTATAGTT TTTTATGTA TGAGTGTGGC ACCTCTTGG TTAATTTAT
542951 TCCCGAGTAT TTTATTCCTT TTGATTATAA ATTGGATTGT TTTCTTAATT
543001 TTCTTATCAG ATTGTACATT GCTATTATAT TTGTATACTA CTGATTTTTA
543051 TTGGTTTACC TGGTATCCTG CAACTTTACT GAGTTTATTA ACTCCCGTAA
543101 TTTGAATATG TGTGTTTGTG TATATTCCTC ATCATATAAG ATCATGTCTAT

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543151 GTACAAATAG AGATAGTTTT ACTTCTTTCT TTCATATTG GATGTATTTT
543201 ATTTCTTTTT CTGCCCCAAC TGCTTTGGTT AGAACTTCAG TAAGTTTGGT
543251 GAATAGAAGT GCTGAAAGTT GGCATCCTTG TCTTCTTCCT GAACATGGAA
543301 AGATGGCTTT CAGTCTTTTA CCATTAAGTA TGATGTTAAC TTTGGGTTTT
543351 TTTAAATTAA TGCTCTTTTC ATGATAAGGA ATTTCCCTTA TATCTTTAGC
543401 ATTTTCCACA ATAAAAATAT CATGAAAGAG TACTGAATT TGTCAAGTGC
543451 TTTTCTGCA TCAATTGAAA TGATCATGTG ATATTTTTC CTACATCTA
543501 TTAATGCGGT ATATTATATT GCTTGATTTT TATATGTTGA ACCACCCTTG
543551 CATTCCAGGG ATAAATCTCA TTTGGTCATA GTATATAATT TTTAAATAT
543601 ACTAAACTTA GTTTGCTAGT ATTTTGTTAA TTTAGTATTC ATATACTGAA
543651 TTTAGTTTGC TAGAATTAG TATTTTAAAG AGATTCTCTC TTTAAAAAAA
543701 AAAAAGGAAA ACATAGATCT AAATTGCTTT TTCTGTGCCA ATCTGTACTC
543751 CTCTTTTCTT CTCAATTATTT CAGAATTAAC CAAAGTAAAT ATTTTGTGTG
543801 GTTTTGTTCA CCTTTTTFAC TTTGTTTTTG TGAACAGATA GCTTCCAAAC
543851 CATATATAGA TGATAATAA TTGTAATGG TAAATGTTAT CTTTCTTAC
543901 CCATTTCAAT CTGAGCTTT TCCAACATTA TTGTTTATGA GAAATTTTAG
543951 TTACAACAT TACAATGGT CTCCTTTCCT CCAAAGAAGA GAAGGGTAAA
544001 TTGGAAAAAT AATGTTCCCT GACATTTCAA CATTGGAGTG CATGGAGAAA
544051 TCAGTGCTTC CTACACCTCC AGTAGAGTGT TTTTATAAGC TCTGGTTCCT
544101 GTTTTATGAC CTCTAAAGCT TTGTCATATC CTTTGCTGTT TTTAAAGTTT
544151 CAGAAAAGGT TGTTCCTAAG GATAGCAAGA CTCTGCAAAG AATAGTTCTG
544201 TGATCTTGT CTGTAGACAT GGTGTTTTCC AGTAGTTGGT TCAGTGAAT
544251 AACAGATTAT TTATAGAAAC CAGGTGGAGT CAATATGATG GACTGAGCTA
544301 ACTCAGAAAA GATCCTTCCA AACACACATA CATGTTAGGT GAAATATAAA
544351 CAAAGGCAGG CTCTCAAAAC ATAACTAAGC TCAAAAGAAC GAGAAATAAA
544401 TCCAGATACC AAAAACAGAG GCATCAAAAG CAGCAGGGTT AGAGGAGGTG
544451 AAGCCAAGGA GGTGTCATGG GAGTATCAGA CCATGCAAAG GGCTCAGAGG
544501 CAGAGGTTTC ATGGGTTAAT GCAGGGAGAG AACAGCTTAG TCCCATGTGA
544551 GATATAACAG AACCTTATGC ATAAAGTTGC AAATTTTGTG GGGATGCCAT
544601 TTTAGTGAAA CAGAACTAG AAAAATTTTT CTCCTTAGAT TGACAGAGAA
544651 GCAATGAGTC ATCTGTGTG CCCAGGGAAG TAGATGAAAG AAAGAATTAC
544701 CCACTAGAAA CTGGAAGCCC ATGCTTATAT GAGAGGTCCA ATTTCAGGCT
544751 TCCCAATGCT ACATGCTAAT ATATTAATAT ACAAATTGAT GTAACCCACA
544801 GGGCCCTAGC AGAGGCAAAA GAAAACCTCAT TCTGAAGAAC TAGAGCACAC
544851 ACAGGAAATG AACCACAATG AAGTAGAGAG TCCTTCTGTA CTAAGGATAG
544901 GAAAATTAGC TTCCCACTAG CTGGAATTGC AAGGAAAGTC TGAAGATTTC
544951 TATAAAATAG TGATGAAAGA AGATACAGAT ATCAAAAAGC AAGAGAAGGG
545001 TAGTATGTAA GAACAGGTGG ATTTGGAAGA AAAATAAAAC ATATAGACAT
545051 GAAAAGTCCA GTGATTTAAA TTTAAACATA TTAGAAAATT TTAAGTAGT
545101 TTAGATAAAG CTGAAGGGAG AAGGGGAATG AAAAACATGG GAGAGATTGA
545151 GGGATGTGGA AGATAGAATC AGATCAATAT GGAGATACTG TAGATAGAAG
545201 CTCCAGGAGA AGGTAAAATA GAGAACGGAG GGGAGGCAGG AATCTCAGTG
545251 TTTTCTGTAA GTGAAGATCC ACAAACATTC AAGCTGTTGT AGCTTTCCAG
545301 ACCTGAGCAG CTGAACAGGA TATAAAACA AACCTATAAC CAGTCATACT
545351 AAATATTGTC ATGAACTAC AGCCCATCAA AGACAAAGGG AATTATTGTA
545401 AAAGCAACCA GAAGGAAAAG ACAGATTCCC TGCAAAAAAT GGCAACTGA
545451 GTAGCCTTCA GTGCTGAAGA CAAGAAGAGA TGGAAAAATC AGAGTTGTGT
545501 GTTCTGAAGT GTTTGCATTA TTGAAGAAGG GGGTTAAATT ATTTTCTAAC
545551 TTTTGACCTT GTCAAATATG AAGGCTAGAA ATGTAAGGGT GACCACTGAA
545601 ATAAATAATA AAGTATTCCT CTAACCCAAA AAATAAAAGC AAAAAACATG
545651 ATAAACAGGA AGCATAAAAT AAATGACACC ATTTATGCGT ATTTTAAAT
545701 ATAATTGGAT ATTAATTACC CATACATATC TATGAAGCAA CAGTATGAAA
545751 TATAGACTGG AAAGCTGTTT CTTTTTTATG GAAGGGAGAA GAATGGCGAG
545801 TATAAGGAAT TTATATTTAA GACTTTATTA TTTTATTAAT ATCTGAAGTA
545851 ATCATAGTTA GGCCTGGTCC TGACATTTGC AGGACTTGGT ATAAGAGTAC
545901 CAGTGGAGAC CTTGAACCAC ACATAAATAT GTGAAAGTTA CAAATCAAGC
545951 TAGCAAAGAA TTCTGTCCCT TCATGATGAC ACCTTCATAA AGCCTGGTGC
546001 GCTTCCTGAT TCCTGGCTTA TTTGAAGGCC TTAGCCAGAG TAAGGCAGCG
546051 TGGGAAAGAG CTCACCTCCCT GGACACCCCTC TCCATGCTTC AGAACCCAG
546101 CTCTGCCCTG CACTGAGGGC ATCTGCGCAC GTGTGGTGTG GTGAACATCC
546151 CAGCCACAC ATCCAGGTTC TGTTACATC CCCATGCAAA AAGCACCCCT
546201 TGGCCACCCC CACAGACCTG GGGTGTGCAC ATTTGGCTATA TGGTCTACTT
546251 TTAGGGGGAT GGAGCTCAGG ATGGAGTCAA GTTAGCCTTG GATGGAGGCC
546301 TGGGTGGTCA TTGAGCAGGG ACTTCTAGGG TCCCAAATAA CTGAGGTGGT
546351 GGTGAGCAGG CCTGGGCCAT GGGAGGGTGT ACCTCCTTGG CTGTGGACCC
546401 CTCACAGTGT GTGGAGGAAG GGCTGCGGCA CAGAGTGGGT CCCTCTGAAG
546451 CAAGAAGTCA CATTTTTAAA TAATATCTCA TTATAGGCTG AGCAGATGG
546501 CTCATGCTCG TAATGCCAGC ACTTTTGGAG GCTGAAGTGG GCGGATCACC
546551 TGAGGTGAGG AGTTCAAGAC CAGTCTGGCC AACACGGCAA AACCCCATCG
546601 CTACTAAAAA TACAAAAATT AGCCAGGCCT GGTGGCAAGT GCCTGTAATC
546651 CCAGCTACTC AGGAGGCTGA GGCAGGAGAA TCGCTTGAAC CTAGTAGGCA

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546701 GAGGCTGCAG TGAGCCGAGA TTGCGCCACT GCACTCCAGC CTGGGCAACA
546751 AGCAAGACTC TGTCTCAAAA ACAAAAAGAA AAAAATTAAT TATAAAAAAA
546801 GAAGACAGAG AAAAGCATT ACCACTCTAG GCGGCATCTA GGCGGCGTCT
546851 GCCAGCACAG GAGCCCTGCC AGCAAAGCCC CATCTGACCT TTGTCAAGTT
546901 ATTTGACACA GCTGAGTCTG TTTTCTCACC TGCCCTGGTGA GAGGCCAACA
546951 TGTATAATTT CAATGATCCC TCCCATTCTT GAGGATCTGT GACATTCTCA
547001 TAAGCCCAT CATGAGGAG AGCTTCTGGG ATGGCCAGGG TGGTTCAGGA
547051 GGCATGTCCC TGTGGTCCAG GGGCATGGGG GCAGAGCCTA GTCCTGCATG
547101 GTCTCCAGCT TCTGAGAAAA TAATGTGTCA GTTGCCCATT ATGTCCCAT
547151 GTGGGGCCTG GCTGGTGAGG CTACCCTGGG GCCAGGCAGG GTGAGGGGCC
547201 CCCTCTGCAC ACAGTGCCCT TTATTTGTG CAGGAGTCAT GGCCAGTGCT
547251 GGGCACGTGT TGGACAGGGA GGACAGGCC TTCTTTATAC CTGCCACATT
547301 CTGAAACCAG GCAGCACAGG GAGCTGTGGA CAGTCGGTGA TGGCAGCTAC
547351 ACAGAGGGAG AGGTGCCACG GGCTCACTCC TCCTGTGTTT GCACAACCAT
547401 GCCTTCCAGT GCAATTGCTC AGCCAGACCC GGTGAGATTA ATTTGGCCCA
547451 TGGAAGAAAG AGGAGACGGG AGGGAGGACC AGTGTGAAAG GATGGAGAAA
547501 GTATTTTCT TCTCAGCCA TGAGACGTTT TGCCAAGCTT AGCTAGCTGA
547551 GGCTCACCT TAATTGGGAA TGAATTAAAC ATTGTTATTT CAACCAAGGC
547601 ACTCAGAAAT GCCTCTCCT GGAAATTCAA AATGAACCTC AGCTCAAGA
547651 ACTGTGAAGA AGAGCCAGGG CCCCCTCCT CTTTCAATGG CCCTGAGGGA
547701 GCTAGTGGG TCTGCAGTCA TGGGAGGGG CTCCTCAGGC TCCAGGCTCA
547751 CTGATCGATC GGGGGCAGGG TACATGGGAT TCAAGCACCT GCAGCTTCTT
547801 CTACAACCT GTATCCCTC ACGTTCCAC AAACGTAAGG GGGTCTGTA
547851 TTTGPTGCC TGGGCTGCC CAATAAAGTG CCATAGGCTG TGTGGCTTAA
547901 ACAGCAGAAA TTGAGTTTGT CACAGTCTGG AGGCTGGAAG TCCATACTCG
547951 AGCTACCTAC AGATTGGTTT CTCATGCGAG CACTCTCCTT GGCTTACAGG
548001 TGGCTGTGTG CTCTGTGGT TCCCTCCGT GTATGCCTGT GTCCTCATCT
548051 CCTCTCTTA TTAGGACAGC AGCCATGCTG GATTAGGGCC CACCTGATG
548101 ACCTCATTTT ACCTTAATTA CCACTTTAAA GGCCCTGTTT CCAAATACAG
548151 TCCCATTTCT AGGTACTAGG GGTAAAGACT TCAACATGTG AATTTAGAGG
548201 GGACACCAAT CAGCCCATAA TCTATTATGC CTCTAGGTCA CTGGCAAACT
548251 CCTGTAATGA CAAGCGAAAT GAGAGCCTGA TAGTAAAAAT CAAAGCACTT
548301 TGACCTGCCT GGGCAGTTTT CAAGCAGTCC CTTTGGGCTT ATAGAAATAA
548351 ACAGACTGGG CATGGTGGCT CACACCTGTA ATCCTAGCAC TTTGGGAGGC
548401 CGAGGACGGA GGATCACTTG AAGCCAGGAG TTTGAGACCA GCTTGGGCAG
548451 CAAAGCAAGG CCTGTCTCT GCAAAAAATG TTTAAATTA GCCAGGTGTG
548501 GTGATGCACA CCTGGGGTCC CAGCTACTCA GGAGGCTGAG GTGGGAGAGT
548551 TGCTTGAGCC CAGGAGTTCG AGGCTGCAGT GAGCTATGAT TGTGCCACTG
548601 CACTCCAGT TGGACGACAG TGAGACCCCA TCTTTTAAA AAAATAAAAT
548651 AGTATAGAAA TAGCCAAGCT CCAGAACAGT TCCACATGTC TTCACAGCAG
548701 TGGCAACCTT GAAGGGAATA GGTTCAGGAA AGGCAGGGAC TGCTCCTTAG
548751 CCGTCTGTTT TAGAAGAAAA CGCCTTGATG TTCATTGGGG TTCAAAATAA
548801 TCAAGTTCTG CAGAACGAAG CTGGGCTGTG GCTGGGGTCC TGAGGCCTCC
548851 GCGGGGCTCT CACCCCGTGC AGGCAGGGGG CTGCAGGCAG GAGTGAGGCG
548901 CGGAGATGTT TACCCGGGAA ACAGGCCTCT CTTTGAGAA GTGTCTGAA
548951 AAGCCCACGG TCCCGCGGGT ATGGACCGGG CACATGCACA CTTACGCGAG
549001 CAGGAAGCGC TGGCTAAGGG AGGGACTGGA AACGGCGTTT TCCACAACAG
549051 GGAGCCAGCA TTGAGGCGCC CAGATGGCAT CTGCTGGAAT TCACGGGCCG
549101 CTGGTGAAGC ACCACGCCTT ACCCGACGTG GGGAGGTGAT CCCCACCTC
549151 ATCCCACCCC CTCTGTCTG TCTCCTTGTG CAACCCGAGT GTTCAAGTGA
549201 CAAGAGACTG AGCGCTTGC TTTATCCGCA GGCTGAACGA GCGCGACCGC
549251 CTGATCAAGA GGCTGGGCCG GAAGACGCCC CCGACGCTGT TCCGGGGCAG
549301 CTCCTGCAG CAGGGCGTCC CGCGTGAGTA CCGCGGGTGG GGGCTGATGG
549351 AGGAGTGGGT GTCGGTGC GGCGGGGGTT GATGAGGAGT TGGGGGAGCG
549401 GGCCTGATG GGGGCGCGG TGAGTGCTGA CGGGGGGTGG GGGCGGGCGG
549451 TCGTTTTGGA AGTGGAACTG CAAAATGTGT ATTTGGCCCC AGGAACGTGC
549501 AGTTGAGTG TAGGCAATTC CCTGGGACCA CAAAATCCGT AAACCTAAAA
549551 TCCTGGTGTG GTTATGATCC TTCCGTCAGC CTCCCAAGAG GAGTTTTTTA
549601 AGTTGAAGC AGTATGACCT TTAACTGTT GCCCTAAAG ATAGCAATAT
549651 GAACTGTTTT GTGTAGTGT GCCATATTGA TTGAAACAAT GACCATCATT
549701 GGGGAAAAAC ATCATGCTTC TCCCAGGAAA GGCTGCCCA CGTCTAAGCC
549751 TGGCGTCCCT CTGCCACCCC CGCCCCACC TCCAGATTCC AGAGGAGAGT
549801 GGGAGGCTGT GAAACATCCC CTCTCCACTG CCCCAGCTT TGGAGCTCAG
549851 GGGGAGCTCA TGGGCTTGT TTTAGCAATC CAGTCATCAG ATCCAGCTG
549901 AGGCAGATCC AGGCCACCTT CCCCAGGGCC AAGGCCAACC CAGCCCTGCC
549951 TCTCTGTGTC CTGCGGCCTT CCCCAGCCCC CTCTCCACCC CCATCACGTG
550001 CACACGCCAG CTTTTCTCTC CATACTTACT CCCTGCCTCC CTTTCCCTTC
550051 CGGAGGAGTT TAGAGGGAAA CGACTGGTAG AAAGAGATGA GTTGGGCCGG
550101 ACGCGGTGGC TCACGCCTGT AATCCTAGAA CTTTCGGAGG CTGAGGTGAG
550151 TGGATCACTT GAGGTCAGGG GTTGAGAGC AGCCTGACCG ACATGGTGAA
550201 ACCTCGTCTC TACTAAAAAT ACAAATTAG CTGGGCGTGA CGGCACATGC

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550251 CTGTAATCCC AGCTACTTGG GAGGCTGAGG CAGGAGAATC ACTTGAACCT
550301 AGGAAGCGGA GGTTCAGCG AGCCGAGGTC ATGCCATTGC ACTCCAGCCT
550351 GGGCAACAAG AGCGAAACTT GGTCTCAAAA AAAAAAAGA AAGAAAGAAA
550401 GAAAGAGACA GATTTATGAA CGTGAAGAAT CATTGTTTAC ACAGTACAGG
550451 CAGTGAAGGA TCTGTGTTCT GTTGAGCTCT GCCTGTCAAC AGGTATTTGC
550501 AGACTTTCTC AATGGAGAGA GAAGGAGGGA GACAGAGTAT CATTGCTTTT
550551 CAGTAATCTA CCCCCTGTCC TCACTTTCCC ATGTGGAATA TCGTATGGGA
550601 AGAAGGGGAC TGACATGCTT CTGTCCTTTA ATGCTCCACT GCCCTGGGAG
550651 GTGGGTAATG CCACCCCAAG GACACAAAGC AGAGGCTCAG GTCAGAAAAGT
550701 GGGTGGCCCA GCATTGCTCA GTGGCATGCC ATGAGGTCTG GATTGCAGCC
550751 TCAGACTCTG GCCCAAAAAG GAGGTAAGTC AAGAAGTTTG ATGGGACAGG
550801 AGTGTAACT GTAGGGCAGC CCTCTGGAGA TGGGCTGCCT GGGTTCCTGT
550851 CCCTGCTCCC CTGCTTTTTC GTGACCTTGG GCATGTTACT TAATGTCTGC
550901 TTCTGCATCT GTAAGTTGG GTAATATGAG AACTTACTGG ATGCCAGAGG
550951 TTCAGTGTAG GTCCTGCCAC CCACAGCTGC ACAGAAAGCC AATCACTGAA
551001 ACAACAATTA TAGCCAAGGA AGAAGGCTTT ATCTGGTGCT ATAGCCAAGG
551051 AGGTGGCAGA TTAGTCTTAA ATCCATATCC TTGACTGACT AAAATTAGGG
551101 GTTTATATAG CAGGGAAGAA ATGTTAACAA TGTGTAAGAA AACAGGAATC
551151 AGTAGGGGTA AGGAAGCAAT CAAGATGAAT GAGGGGCTTA GCATCTCGTT
551201 GTCTGGATGA GATCATTGGG TGAGTTTCAG ATCTTTGCTA CTTTTCGAGA
551251 GCCCTGTGGG TCCCTACCTA AGGAAGGAAC TCAGATAAAA CAAATACAAA
551301 TGTCAGCTT TAAGACCAGA AGGGTCATTT CTATGTTAAA AAAACAAAAA
551351 AACAAAAACA AACTGTCTA TGGGACTATT GGGTTGGTTT CAATTAGGAG
551401 GATTAATGA GATCATAAAG ATAAAGTGTC TATATAGGCA ATATAGGGTC
551451 CAATAAATGT TGGGTATTAT TATTCTGCCA TTAGCTGAAT AATTTTGGGA
551501 AACTTAATTT CTCTAAATTT TTATTTTCTC CTGTGGAGAA AAAAGAAATTT
551551 TAATGATATA CATCTTACAC AGTCCTGTGA GTCTTCATGA CAGCATGTGT
551601 AAAGCACCTT CTGTATGCCA GACACAGAGA AAACACATAC AGGTTCACAG
551651 AACTCTACAG GGTCTGTTCT GTTGAGCCGT GTTGCCCTCTC TGATGAATGT
551701 TTCAAATAAA CCATAGACAG AATATACACG ATATATATGT TGTGATCAAA
551751 GACCGAATGA GAATTTTAT GGGAGAGTCA TAAATGTCTT AAAGACAAT
551801 ACTAAATGCT TTTCTTAAGT CAATATTTTG AAGGCCAAAA AAAAATCTAC
551851 TGAATAAATA TAAGAAATAA GAAGGCTTCT GAAATCACAC CACATTTTTT
551901 AAACATTGAG TGACTAGTAC CAGAACCTGA TGGATAACTT AGGACGTTTC
551951 TGCTACTAAC AGCCAGAGAA GATCGTCGGG TGGTCAGAGC TGGTCTGGG
552001 GTGCAGGATG GGCATATAGC AGGTCTCAGC CTTTGATGTT CCGCTGGGT
552051 CTGTCCAGGA AACTAGCAGG AAAAAGCTCTA ATCTTGGTAG TATTTTAGTT
552101 CCTGTGAGCC ACCAACATAC AATATTTGTA ATCAGCATTT CCTACACAGT
552151 CTGATTTCTT CTTTGTCCCC ATGGTCTTCT CATTTCATAG GCTATTAGGA
552201 ATCTTTCCAG ACAGGAAACT GCTATTTTCA TTAAGATGCT ATCAGAGCAC
552251 AGATTCAAAG GAATGCTACT TAAGGGGAGT TTTATTCCAA AATAATGAAA
552301 AAAAAAGACA TAATTTTATG GATTTACCCA AATGTTCTAC CCGGAGAGA
552351 CAAAACAAT AGAAATCCG TCTTCTCTCC CACCTCCTTT CACCTACACG
552401 ATTTCTTTCT CCATCTGGC TGTGGCTGTT TAAGAAAGCA GATGCTTTAG
552451 GAAGCCAGCC AGGGAAAGTT CAGTTAGTTG GGTCCATGAG AGCTCCCTCC
552501 AGGCCCCCAT CAGGACTTTT CTGGCTGTTA GGACTTCCTG AAACATGAGT
552551 GAAAGTAGGG AGTGCAAAGA GCTGGAGGCT TCCTCCGAGC TCCCGGTTT
552601 GATGCAATG ACAGTTAAAG GTTCATTAGG CAGAGCTGGG GAGCAGGTCT
552651 GTATCTTCAT CCGGTGGGAC AGAGGCTGGG CAGGCAGGAC TGSTTGAGGG
552701 GTGATGGTGT CTGGTTTTCC AGTAAAGCTC CTCCCATGAC AGCTCTAACT
552751 CCCGCCAGGC CTGGTTTCTA AGAGGAAAAA GTTTAATCTG AAATTTTATC
552801 TGAACATGGG AGGACTCCCT CTCCCAAGAT AAACCTATCA GGCCATTCTC
552851 CTTTACTCT TGAATTGTAG AGTCCACTTT CATTCTCGGT TAAGGTAAAG
552901 AAAGTCTTAG CGTACAACAC GCTGGAAATG TGGTGGTAGG TGCAGCCAAT
552951 GGGAACTAGG GAGGATGGTG GGAGACATTT AGCAGAGACC TCACGTTGCT
553001 CTACTTACCC TGGGAGGTTT ACAACAGGAG GGGCAACTCT TCTCTGCCTG
553051 TCTCTTCAAA GGGAAACCTC GAAACCCTTC CCATCCCAGA GGGGCCAAAT
553101 CATCCCCTG CAATCCCATG GGAGGCCCTT GTGGCCATGG CACTAATGCA
553151 CACAGAAGAA GTGACAGAGT TATGAGCTGA AGAAACCCCT GGAGTTGGGT
553201 TTCCAGTAGA CACAGGCATG TTATGGAAAA CAAGATAAAT AAAAGAAAAA
553251 GCTTTTGAC CTTCCATTTG AACAGGGAGT AGACTATTCC AAAGGCTAAG
553301 ATACCTTTCC CGAAAGGACA CTCCCTAATT TATTTTATG TCTCCATGAG
553351 TTCCCCCAA CCAGGAGAAA AAAGCAGGCC AAAAGAGGTA TAATAGGTAG
553401 TTAATTATTC TTTTGGATG GACTGTTGAC ACCGACCCTT TCTTTTCTGA
553451 CGTGGATGCA GAGGCCCTCC TGTGGTGCA GTGTGAAC TA GACTGACAG
553501 AGGGAGAGAA TCCTGCAGCC TGGGTGTGAC GGGCCATGAA CATGCTCTGG
553551 AGCCCATAGA GAGGACTGGA GGTGAGAGA ACTTGGGCCT TGCCTGGTCC
553601 AGGCCATTTA ATTTACAGAA AAGTACATCA AGACCCAGG AGCTTAAAGA
553651 GCCCAAAGTC ACATGGACAA GTAGCAGCAA GCAAGGACTA GAACCACCT
553701 TTGTTTCTG GCCACCACCC TGACCCCATG CTGCAGCCAC TTGGGGCCAC
553751 CAGAATCTAA GATGAAAACA AGCGAGTGGG GAAAGACATC TTCAGGGTGG

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553801 AGAGCTCAGT AGTCCCTCAGC TTCCCACCGG AAGAGTTTAT AAAAGAGTAT
553851 GTCCCATTTCT TTGGGGTGAC TGTTCCTTAC TCAGAACCAC TTCTGTAGGA
553901 CTGAGGAGCA GCGCCGGGAG TGGTGACGCA GCTGTGGAGC CAGTGACGAC
553951 CCTGCCATTG CAGCTGCTGT TCTGCCAGGC CCCCTCAGGA TGACTTCAGA
554001 TGTGGACTAG AAACGTTTCCT TGTAAAGAA CTGGAGAATG GAAATTGTCC
554051 AAGTTGACCA CAGTACATAG CCTTGTACT GGAGCAGACG AAGCAGTGT
554101 ATTTGCTAGA TTTTGTCTTG AAACATCCCA AGGAAAGACG TCTCCTCTTG
554151 GACTGCAGTA AAAATGCTTC ATAAAGGGCA GCTTGTACAG GATTGGGGAT
554201 GAGAGTGTGT GTGCCACACG GTGCCAGAGG GAGGCAGGAG GCTGGGGCAG
554251 CTCCTCCAAA GCTGGGCAAC GGAGGTTTCC TTGTCCCTGC TGCTAATCTC
554301 TGATTAAGCA ACTTGGTGAA AATCCAAAAG CTCTTAGGAG AACAGGAGTG
554351 GTGGCATTTC CTCTTCGGTG CTTGGAAGCA GATCATGTGA AAACCTCTAA
554401 GCCCTGAGAA TCAAAGCACA GCCACCTACC TGGTCAGGAA GTTCAAGTGC
554451 ACTAGGTGTG GGCCCAAGGC TGGCACAAGC ATATCCGCCC CCAAGGGAGC
554501 TCCCTCTCAG GCTGATGCTG CCTTCAGGCT CAGACACCCA CCTGCTCTG
554551 TACCCAGCTG TCTGAGGGCT CACAATGGTC TGGGAGCTGC TTCACTGTGG
554601 CTACCATGTG GTGGGAATTT TTGGTTTGTA GGTTTTGTIT TGCTAGAAAT
554651 GGAGGTGAGC AAGTAGACAA AAGCCCCCTG TGGAAGATTG CTCTCTGTTC
554701 TGTTCTCTTC TCTCTCTCTC ACCCTGGCTC AGCTTGATC ACCTTCTCTC
554751 CCGCCCACTG TCTCTCTCTC CTGTGGCCTC ACTGGTCTGG GCCCTCTCTC
554801 CTGCTGCTCA GCCCATGTCC TCAGTCAACT CTCAGGCCAC CTCTGCAGAC
554851 AAGCCCTTGC CTCGCCCGAT AACCCCTCTG AGCCTTTGGG ATTCTCAGGC
554901 AGTGGCCAGA AGGCATGCTC TCTGGAAGAG CCGGGAAGCC AGCCCAAGAC
554951 CGGGACTCTC AGTTATGGGA ACACACAGAG TAAGAAAACA GCCTGAGTGT
555001 CTTCTTTTAA AGTCTCTCTC TCTTCTCCAT CCCACGAGGA CTCTTCTGTC
555051 TTGTTACTGT ATGCTTGTAT ACTCTAGAAA TTTCTTTTTT AAGCCAGATG
555101 CCTCAGGAAA TTAACAGGCA GTCCAGGAAC TGATTTCATGG GCACCCCTTT
555151 CGACTTCTTT TCTCCTTTTA AAGAGTATGA CAGTGAATC ACAGCTCCCC
555201 TGATAAGTTG TACGCATGCA TGGATGGAAT TCAAGATTGT CAGGTTTTTT
555251 TATTGTGTTG TCTTTTGGCC AGAATGTCTA ATTGAGCTGT GGGACTTTTC
555301 CAGACCCCTG ACACAGAAGG GTTAGCCAAT GGAGAGCAGG CCTTATAAAT
555351 GTCTTTCTGT GGGAAAGGCC AGTTGGAAGA AAAGCCCCAC TCTGGGCTTG
555401 TGAACACTAA AGCTGGTTCT CAGCTCTAGA GTGTGGACCC TGGGTTTGCT
555451 TCCCAACTCT GCCACTCAGC AGGTCTGTGA CCTTGGGCAG GTCACAAAAA
555501 TCTCTGTGCC TCAGTTTTCT CATCTGTGAA GTGGGAGGAG TATAATCCCC
555551 TATCTCATAG GGTTCCTGGG AGGATTAAAT GAGCTTTATT TTATAGCACA
555601 GTGTCTTAGA CACATGGCAT TTAATGAGTC TTGGCTATTA TTTATTTTAT
555651 TAATAGTATA TGAATGATT GTGTAAGAA AGTCTTTGTA TGGCCACAGG
555701 TCCAATCAAT CACTAAATTC CTTTGTAGTT TATTGTGTAA CCTTTTCTT
555751 TACATGGAAA CAACCTACT TTGATTACTT ATTACCAGTC CAGATCAGTC
555801 TGATTTAAAA ACAGGGCTGG GTGTGGTGGC TCAGGCCTGT AATCCCAGCA
555851 CTTTGGGAGG CCAAGGTGGA CAGATTGCTT GAGGTCAGGA GTTTGAGACC
555901 AGCCTGGCCA ACATGGTGAA ACCCGTCTC TACTAAAAAT ACAAAAAAAA
555951 ATAGCTGGGC GTGGTGGTGC ATGCCTGTAG CCTAGCTAC TCAAGAGGCT
556001 GAAGCAGGAG AATTGCTTGA ACCCTGGAGG CAGAAGTTGC AGTGAGCTGG
556051 GATCGCGCCA CTGCACTCCA GCCTAGGCGG CAGAGCAAGA CTCTGTCTCA
556101 AATAAATAAA CAGGAAGGCT CCAGGTATCA CGTGCAATTT GCCAGCTTGC
556151 ACTATTAGTG TTGTGTGTGT GTTCCCTGG CATGTTTACA GCTTCATAAA
556201 TTAGCTGGCT GCCCTACAGC ATCAGGCAGA CAGGAGTGTT TTTTCTTAAT
556251 TGGCAGTGGG AAAGTGGAGT CCGGGACCAG TGACCCACTG TGTGTGATTC
556301 CCACACTGAG CTCAGCCGCA GCGCCCTAGA AATAGGAAAC CTACCCTCAG
556351 AGGCTTTCCC TTCCCAGCAT CAGCAGCTAG AACCATGGGA CCCAGTTAG
556401 CCTGCACACG GCGGCCACGG CCCCTCTATG GCCACAGGTT TCTTCATCTC
556451 AAGCCTCCAC CTATCCAAGG CTAAGGAGGC CAGATGTGCG ACTCACCCGC
556501 ACGCTGCCAA AAAAAAGCAG CTTATTTTAA ACCTAGTGTG CTCGCCCAAT
556551 TCTCCTGTAA ACCAGTTTCT CCTGTGTGCT TCACTTTCAG ATGGGTATGC
556601 TTTTCTCAA GAAGAACACG GAGCTGTAG TCAGGAAGAA GTCATCCGTG
556651 CTTATGACAC CACCAAAAAG AAATCCAGGA AGAAATAAGA CATGAATTTT
556701 CCTGACTGAT CTTAGGAAAG AGATTGAGT TGTGCAACC AGTGTAAACA
556751 CATCTTTGTC AGAGAAGACT GGCGTCAGCA GCCAAAACAC CAGGAAACAC
556801 ATTTCTGTGG CTTAGCCAA GCAGTTTGT AGTTACATAT TCCCTCGCAA
556851 ACCTGGAGTG CAGACCACAG GGAAGCTAT CTTTCCCTC CCAACTCGTC
556901 TGCAGTGCCT AGCCTAACTT TTGTTTATGT CGTTATGAAG CATTCAACTG
556951 TGCTCTGTGA GGTGTGAAAT TAAAAACATT ATGTTTACC AATATTTAAA
557001 CATCAGTACT AGTTGTCTG GGAGAAAGGG AAAGGAGTTT TATGTTGCGT
557051 GAGAGGCCCA TCCTGTGTAA TTGGAGCAGG GCACACTTGC TTCCTGTTGA
557101 GTTAACTCAG AGGTTAAGTC CAACGGGCCA CATGCAGACT TCACTGTAGG
557151 CAGGTTGCTC TCCTGCTTTG ATTCCTGTTT TGTGTGTAAA ATTGGCATAA
557201 ACTTCTTGAT TGCAAGTAAA TCACAAAATT CTCTATCGGG GTGGTCAACC
557251 TGAGAACATT TATTGGAACC TCTTAGCCAC ATTTCCAGCA GGGCAAAACA
557301 ACTGATGCCC TGGAAGAGTC TTCCGCACCC TCTCCAGGTG CACTCGGCCC

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557351 AGTCCTGCCG CCGTGTCCAG GCGCCCTCA CCCCCACACC TGCTGCATGG
557401 CTGGCCACAC CACTCAGTGC ATGGCGGCCG ATGGGCAGCC AACCCAAACC
557451 CGCGCCTTTC CTTGTTCCAC TGCAGACTCA GATACAGATG CGAAAAATTC
557501 CTTCTTCCAC CGCCCTTCTC GTTCTGTAAA GAAAGAAAAG AAACATAGCC
557551 TTTCTGCATA TATTCTAAAC GTCTCTCTGC CTCTGTCTGA CATGGGGCCA
557601 CCCCACAGGT CAGAGTGGTG GTAGAACCCC TTCAGGACTC CCAGCCGTGG
557651 TCAGGCTCTG AATACTCCCT TCCCAACATC CAGACTGCTG GGCCTTTGGC
557701 ATCCACTTAC ATTAGAACCC ACGTTTGTTC CAGAGCACAT TTTGGACTTT
557751 CACTGTTGGG AAATGAATGA ATTTATAACA TGCCTGCACA GCGAAGGAAC
557801 ACACCTGTCT CTCTTAGCTC TAGAGTCAGA GGATGAGTAA ACCCAGATGC
557851 AAGAGTATAG GACATTGAGT GGGGAGAACA AGACGACCAC AGAAGTCCTC
557901 AGAAGGAGAA GGAAGGACAC GGAGACACTG AGAGGAGGAC ACAGAGGAAT
557951 CGCCACCAGA TCATTGCACT AGAAACTCTG AAATAAGCCT TGAGACCAG
558001 ACAATTGTCA TGATCAGCCC AGTGTGTATG AGAGCTTAAA CAAGACCTTC
558051 ACACACAGTT CTAACTGAAA AGAATTCCAA ACATTTCAGG GAAACACCTT
558101 TTTAAAAAAT ATACTGACAT GGTTCCTTTT CTGTATCCCA TCAGTGTTAG
558151 ACACAGGTAC CTATCAGAAT ACGGCATATC CTGAATTATC TAAGACAAGG
558201 AAGTGAAGAG CGGAATCACT GACTTTCCCA ACTGCAGAGT CCCACACTTA
558251 AATCTCAACA GAACCTAGAT GTCTTCAGGC ATGAATGTGA GCACCTGGAG
558301 CCCTTACTAA ACAACCTGCC TGGAGCCCTG TTCTCTGCTC TGGTTGCCAA
558351 ACCAGATTTT TGGATGGCCT AAATACTTGT GGGCAACTGT TACTGGTGAA
558401 AAATGGGAGT GGAGAGCATG TTTTGGATTT TCACTGTGGG GAAATGAATG
558451 AATTTATCAG ATGACTGTGC AGCGAAGGAG CACACCTGTC ACTCTTAGCT
558501 CTAGAGTCGG AGGATGAGTC AACCCGTAGT GAATGATTGT GCTAAATTAG
558551 GAAATAACAC TTTAGTGCAC TTTGCTTCCT AACCCTTTTT TGTGAGAAAT
558601 CTACAACTTA CTGGGCATGG AAATGATTTA AAATATGATC TGCATTGACT
558651 AAGAAAACCT ATCCTCACTT ATGAGGTGAC CAGGATGCAG AGAGGGCCTG
558701 AGGGGCAGCA GAACAATGCA ATTCACAGGT GAGGCTCCAA AAAGGGCCAT
558751 TTCTTTCTCC CCAAGGTGCA TAGAACATTT TTAATATCA GAGTACCCAG
558801 CAAGACGGAA GGACTGTCAT GCAGGAACCT TAACACAAA TGTGCCTATG
558851 ACTAACACGA CAAACCAAGG TGTATGGTTT CTTTGCACAC CCAGAAAGGT
558901 GATGGCCAAAG ATACAGAGGA GAAACGAAAA CTGGAATTGA ATGTGCATTA
558951 GGCATCTTAA CTATTCATAT TTTGTTTCAT TTGGGAACCT AGCCTATTTG
559001 GAAAGAGTGG ATTAGAAATT GAATTCCTTG TCAAACAGTT AGCTCTGTCT
559051 TGAACCTGAA GCCTTCCAAA TCAGAATTAT GTATTAAAGT GTGTGTTTGT
559101 GTTTGTTTGG GGTTTTGTGTT TCTTACATTA GAGTTCATAT TTTCTGGGAT
559151 TTAAGGATAC AGGTGTATTT TCCTATTCTC TTGAGAAGTA GACTAAACAA
559201 TATTTGCAGT GATGACAGAC GCACACAGAA GAAAACATTA GAAGAGATGC
559251 CTTTCTATCC TCTCATGTGG TTGAGCATTG TTACAGCCAA ATGACTAAAT
559301 TGGCTGTAAA TTGTTTCTA GGAGGAGCAG CTGTCACTAC GTGTGATGTA
559351 TAATATTTAG CCAGGGCCAA CTCAGGGGCT GTGTCAATTG TCCTATCTTT
559401 AAATTGAGGT CAGAGTGTCA CACACAACCC CTCCTCTGGG GCAGGGTGGA
559451 CTGGACTAGG TTGCATACGC TGGCTGTGAG CTCAGCAAAA ATGCCACATG
559501 GGGCTTGTCA CTCGCCAGA CACTCACTGA CTCACGGGCT GGCAGGTCAC
559551 GCTCGGTTAG CGCTCCAGGG CCTGACTCTG GATTGAGCTA AACTGGCAGA
559601 ATCCACTCAG GCCAACCTT GGTCTACTGC TGTGTACAGA CAGCCCAGTC
559651 CTGTGTTGAG TCTCTCTTCT CCTGGATGAC CCTGCA

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(SEQ ID NO: 3)

FEATURES:

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Start: 2582
Exon: 2582-2682
Intron: 2683-65032
Exon: 65033-65132
Intron: 65133-65596
Exon: 65597-65695
Intron: 65696-67257
Exon: 67258-67303
Intron: 67304-68258
Exon: 68259-68299
Intron: 68300-72972
Exon: 72973-73046
Intron: 73047-75304
Exon: 75305-75374
Intron: 75375-76904
Exon: 76905-77032
Intron: 77033-78276
Exon: 78277-78388
Intron: 78389-86324
Exon: 86325-86490
Intron: 86491-88778
Exon: 88779-88906

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Intron: 88907-89972
 Exon: 89973-90050
 Intron: 90051-93960
 Exon: 93961-94049
 Intron: 94050-94708
 Exon: 94709-94753
 Intron: 94754-97491
 Exon: 97492-97567
 Intron: 97568-104303
 Exon: 104304-104409
 Intron: 104410-105146
 Exon: 105147-105229
 Intron: 105230-108339
 Exon: 108340-108389
 Intron: 108390-110600
 Exon: 110601-110670
 Intron: 110671-112346
 Exon: 112347-112431
 Intron: 112432-113339
 Exon: 113340-113479
 Intron: 113480-115350
 Exon: 115351-115489
 Intron: 115490-123166
 Exon: 123167-123231
 Intron: 123232-231849
 Exon: 231850-232022
 Intron: 232023-301735
 Exon: 301736-301919
 Intron: 301920-307544
 Exon: 307545-307655
 Intron: 307656-364811
 Exon: 364812-364886
 Intron: 364887-373854
 Exon: 373855-373977
 Intron: 373978-376237
 Exon: 376238-376316
 Intron: 376317-396885
 Exon: 396886-396947
 Intron: 396948-397494
 Exon: 397495-397551
 Intron: 397552-398991
 Exon: 398992-399099
 Intron: 399100-498263
 Exon: 498264-498352
 Intron: 498353-505264
 Exon: 505265-505369
 Intron: 505370-549231
 Exon: 549232-549323
 Intron: 549324-556590
 Exon: 556591-556685
 Stop: 556686

Chromosome map:
 Chromosome 13